The
CHEMIST AND DRUGGIST
for RETAILER - WHOLESALER - MANUFACTURER

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L. CXLII NOVEMBER 4, 1944 Annual Subscription (with Diary) 25/-. Single copies 9d.

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'LERTIGON'

(HISTAMINE AZOPROTEIN)

Extensive investigation during recent years supports the hypothesis that histamine released from tissue cells by an antigen-antibody reaction plays a fundamental role in anaphylaxis and allergy. Basing their work on the theory that an artificial immunity to histamine might be obtained by using a histamine-protein complex as an antigen, workers in the Parke-Davis Laboratories developed an antigenic complex by combining histamine with despeciated horse - serum globulin. This product, known as 'Lertigon,' is now available for supply to the medical profession in 5 c.c. vials.

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The Wonder Tablet

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AP 1180. —— R. P.

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AT 1108. —— F. T.

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AH 1263. —— E. H.

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Each tablet contains		*Each tablet contains*	
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'OVENDOSYN' *FORTE*	Bottles of 50 Tabs.	4/6	40/6	6/9	5/1
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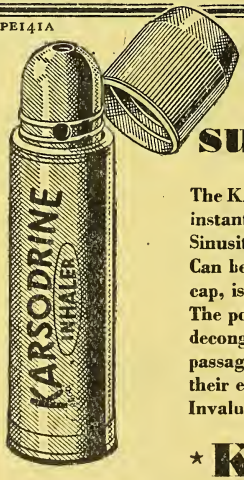

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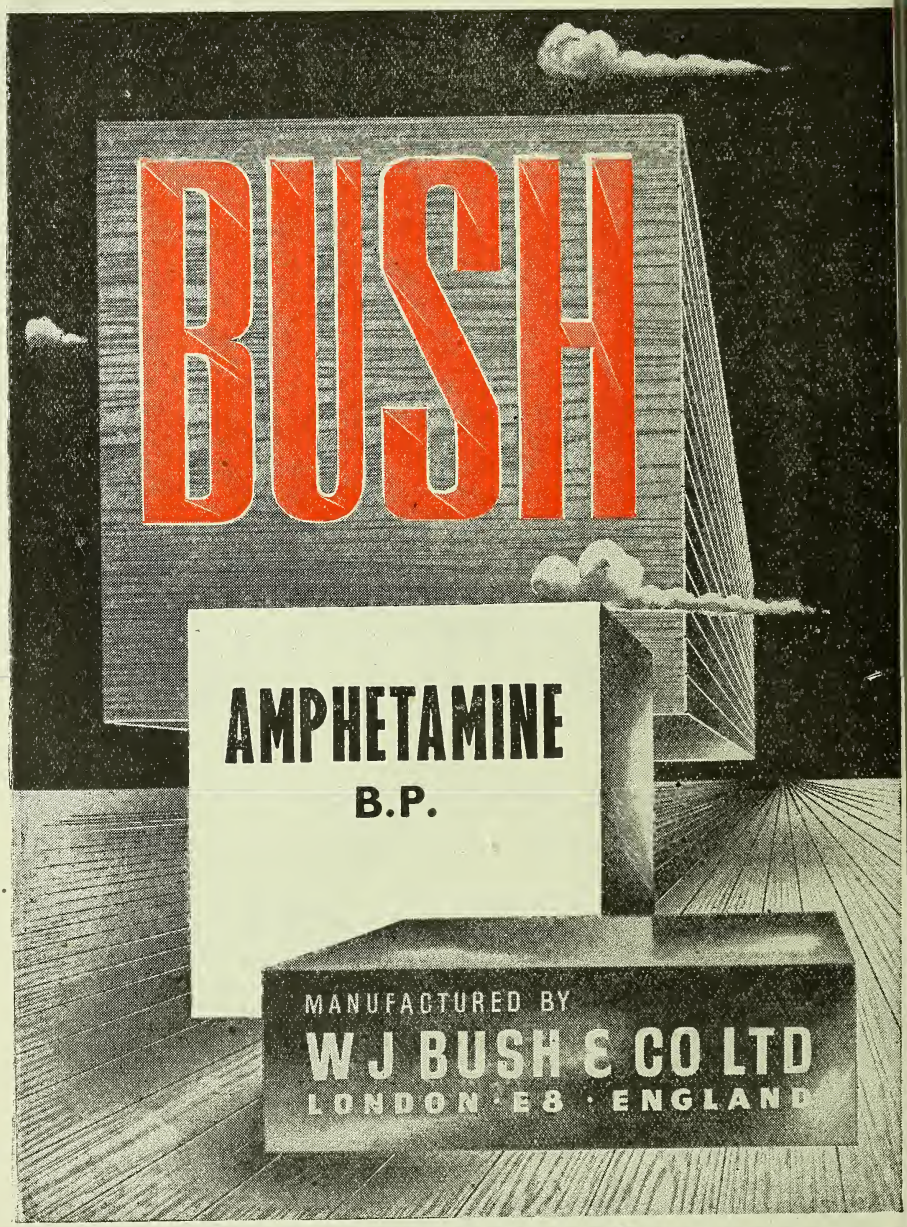
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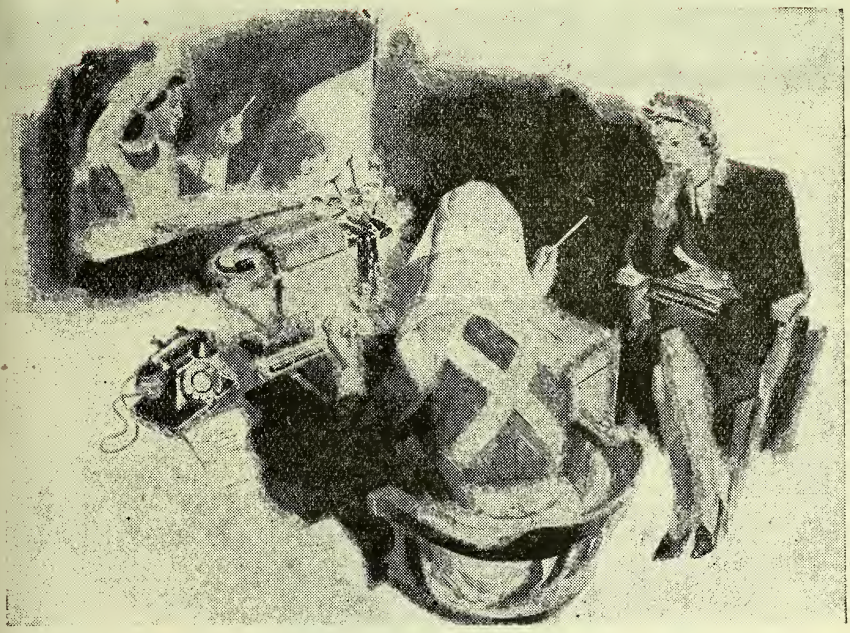

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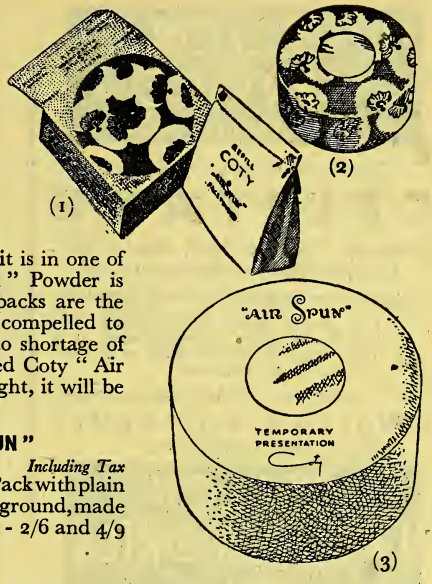

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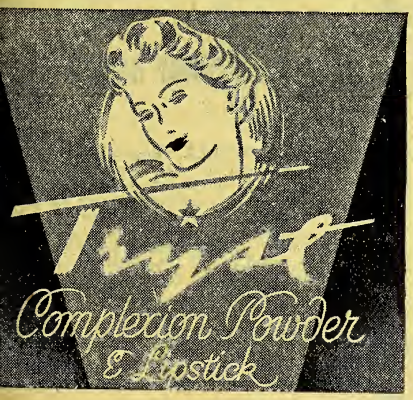

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NEWS OF THE WEEK

Amendments to Trade Registers.—The Board of Trade has issued lists of amendments to several registers, including the home trade and toilet preparations registers. Copies of the lists are obtainable from H.M. Stationery Office, price one penny each.

Tsetse Fly Committee.—The Secretary of State for the Colonies has appointed a Tsetse Fly and Trypanosomiasis Committee to consider and advise on the co-ordination of action and research against human and animal trypanosomiasis, and against the tsetse fly as chief vector.

Chrome Analysis Factor.—The following statement on chrome ore analysis has been issued by the Government Chemist: In the table of International atomic weights, 1941 (o = 16), the atomic weight of iron is 55·85 and that of chromium 52·01. Using these atomic weights, the factor for converting a known weight of ferrous iron to its equivalent weight of Cr_2O_3, according to the relationship $6Fe \equiv Cr_2O_3$, is 0·4537; and this is the correct factor to use for this calculation.

Petsamo Nickel Agreement.—The conclusion of an agreement between the governments of the United Kingdom, Canada, and the U.S.S.R. on the compensation to be paid for the nickel mines in the Petsamo region of Finland, ceded to the Soviet Union recently under an armistice between the two countries, is officially announced. A payment of twenty million United States dollars is being paid to the Government of Canada as full and final compensation for properties taken over from the Mond Nickel Co. and International Nickel Co. of Canada.

Exports to the Middle East.—A list of items for which the Middle East Supply Centre are issuing recommendations for supply from the United Kingdom, and for which export licence applications may be considered, appears in the "Board of Trade Journal," October 21, p. 385. The list includes a range of chemicals, chemical manufactures and products, drugs and pharmaceutical supplies. The United States Foreign Economic Administration announces that a similar list has been

issued of commodities that may be exported to the Middle East from the United States.

Pharmacy Fire.—A fire broke out in the basement of the premises occupied by Boots, Ltd., High Street, Perth, recently. Stock valued at about £100 was destroyed.

Air Mail to Switzerland.—The Postmaster General announces that the air-mail service to Switzerland has been restored. The rates are the same as those in force before the recent suspension.

Cod Liver Oil for Belgium.—A gift of 100,000 litres (about 175,980 pints) of cod liver oil has been made by the authorities in Britain for undernourished children, expectant mothers, tuberculous persons and war invalids in Belgium.

Russian Section for Manchester Chamber.—The Manchester Chamber of Commerce has decided to establish a Russian section to assist members who desire to take advantage of future trade opportunities between the United Kingdom and Russia.

Commercial Travellers' Institution.—The annual court of governors of the Commercial Travellers' Benevolent Institution will be held at 4b Frederick's Place, London, E.C.2, at 12 noon on Friday, December 29.

Sale to "Co-op" Prevented.—Exercising rights of pre-emption as feudal superior, Sir Edmond Findlay, Bart. (M.P. for Banffshire), has prevented the sale to the Scottish Co-operative Wholesale Society, Ltd., of a business known as the Supply Stores, Craigellachie.

Plymouth Co-operative Pharmacy Department.—At the half-yearly meeting of the Plymouth Co-operative Society, Ltd., held recently, it was reported that sales in the pharmacy department amounted to £46,442, against £40,575 in the corresponding half year of 1943—an increase of 14·4 per cent.

World's Largest Penicillin Factory.—The £ million factory for the production of penicillin (see *C. & D.*, September 30, p. 340) is to be built in Liverpool. It will cover twelve acres of land and will be the largest penicillin factory in the world. Construction has already commenced, and it is hoped that building operations will be completed by the end of the year. Early in the new year it is expected to be in full production.

Irish Chemical Association.—At the annual meeting held recently the following officers and council were elected: *President*, Mr. Douglas Mellon, A.R.C.Sc.I.; *Vice-president*, Mr. J. J. Lennon, M.Sc.; *Treasurer*, Mr. D. Murphy, M.Sc.; *Secretary*, Mr. P. A. Spillane, M.Sc.; *Council*, Mrs O'Kelly, M.Sc.; Messrs. T. S. Wheeler D.Sc., Tadhg Ua Tuama, M.Sc., V. C Barry, D.Sc., J. Keane, M.Sc., and J. F MacErlean, B.Sc.

West London Reunion.—The Western (London) Pharmacists' Association held a reunion reception on October 26, when the president and officers were at home to members. The president (Mr. Frank Noble) welcomed members, and intimated that fuller activities were in hand for the 1944–45 session than had been possible during the difficult period of the war. Although at this stage it was not proposed to hold the social functions for which formerly the Association was justly famous, he felt sure the policy of resuming meetings would be justified by full attendances throughout the session.

Business Men to Visit U.S.—An invitation to British business organisations to attend an International Business Conference to be held in the United States on November 10 has been accepted by the following organisations, which are sending delegates as named: Association of British Chambers of Commerce, Mr. J. S. Dodd, M.P. (president); Federation of British Industries, Sir Clive Baillieu (deputy-president), and Sir Peter Bennett, M.P. (a past-president); British National Committee of the International Chamber of Commerce, Mr. Arthur Guinness (chairman) and Mr. G. W. Odey; British Federation of Commodity and Allied Trade Associations, Mr. Mackenzie Hay.

Tropical Diseases Increasing.—The annual report of the Liverpool School of Tropical Medicine, recently issued, states that poor conditions have enormously increased the incidence of tropical diseases in Europeans. In-patients during the year numbered 1,400, and there were 3,000 out-patient attendances. 20,000 specimens had been pathologically examined, many coming from distant parts of the world. New compounds had been tested (in conjunction with Imperial Chemical Industries, Ltd.) for their value as malarial therapeutic agents, and this had necessitated the building of a second insectarium and the breeding of a large number of mosquitoes.

Lister Memorial Lectures.—The first Lister Memorial lecture of the Society of Chemical Industry is being delivered by Professor Sir Alexander Fleming, F.R.S., on November 9 (see p. 476). The name of Lord Lister has been chosen for com-

nemoration in the Edinburgh and East of Scotland Section of the Society as part of a scheme sponsored by the Society of Chemical Industry for founding endowed memorial lectures in different parts of the country to perpetuate the memory of scientists and industrialists whose work has assisted in building up the British chemical industry. The endowment has been the combined gift of two Edinburgh manufacturers, J. F. Macfarlan & Co., and T. & H. Smith, Ltd. The lecture will be delivered every four or five years in Edinburgh, Aberdeen, or St. Andrews.

Public Pharmacists' London Branch.—At a recent meeting of members of the South-eastern District of the Guild of Public Pharmacists, it was decided, subject to the formal approval of the Council, to form a new branch covering the London area and Home Counties, and to be known as the London Branch. The formation of other branches in the area was discussed, with promising prospects. A committee and, at a subsequent meeting, the following officers, were provisionally elected: *Chairman*, Mr. R. H. Henriksen; *Vice-chairman*, Miss D. M. Jones; *Treasurer*, Mr. W. L. Wood; *Secretary*, Mr. J. Billington. A programme is being arranged for the winter, based on suggestions made at the meeting. All members normally in receipt of notices of meetings held in London will be included in the new branch.

Irish Drug Association.—Mr. Lyall G. Smith (president) was in the chair at the October meetings of the Committee of the Irish Drug Association, when a scheme was agreed for compounding and dispensing, at contract prices, medicines made according to certain formulas for the new transport company. Details, together with the formulary, which will include the conditions and rates, will be circularised to members as soon as possible. A subcommittee consisting of the president and Messrs. G. C. O'Neill, F. X. Meagher, and B. Smith was appointed to meet representatives of Irish Pharmaceuticals, Ltd., to discuss toilet items on the "approved list." Following upon this meeting the committee decided (*a*) to form a Post-war Planning Committee; (*b*) to examine more closely the Chemists' Friends scheme of the National Pharmaceutical Union in Britain; (*c*) to summon a meeting of the Approved List Control Committee to discuss the possibility of joint advertising by approved manufacturers and the Association, or other methods of stimulating trade for approved items. A deputation consisting of the president and Messrs. G. C. O'Neill, T. R. Bourke, A. J. Donnell, J. J. Roche, B. Smith, and R. J. Kidney was appointed to meet officials of the Prices Commission, who wish to discuss the pricing policy of the Association. A discussion took place on the poor attendances of committee members who live outside Dublin. The secretary (Mr. R. J. Kidney) pointed out that the time and day of the meeting had been altered on several occasions without better results, and any suggestion that may result in better country representation will be appreciated by the Committee. Further to the communications by the Committee of Action to certain firms withholding veterinary preparations from chemists, Evans Sons Lescher & Webb (Ireland), Ltd., now state that all the company's veterinary preparations are available to chemists.

M.P. Secures Teats for Plymouth.—As the result of an approach to the Board of Trade by the Member of Parliament for Plymouth (Lady Astor), a special emergency supply of sixty doz. (one doz. for each chemist) feeding-bottle teats has been dispatched to the city. Lady Astor had the shortage first brought to her notice in July, when she approached the Ministry of Supply. The subject was discussed in the House of Commons in September, when Lady Astor stated that teats were not to be had in Plymouth, whereupon the Minister asked for specific cases, and promised an improvement in supplies shortly. After waiting a fortnight, Lady Astor found there were still no teats available in Plymouth shops, and on writing to the President of the Board of Trade received a reply on October 10 that arrangements had been made for a special emergency supply to be sent to Plymouth retailers. When she thanked the Minister she pointed out that still more would be needed there in the near future. A sequel to the allocation of one dozen teats per shop is a public statement by one of the chemists that the shortage in Plymouth of this essential commodity—as well as of valves and complete feeding bottles—is "outrageous." He adds "Apparently we have had 720 teats circulated in the Plymouth district. I have no knowledge how many babies under twelve months of age there are, but the teat supplied is far from being a first-quality article, and would only last a baby at the outside one week. In my shop we refuse at least 300 requests for teats every week, and have been doing so for the last three months."

LEGAL REPORTS

Committed for Trial.—At West London police court, on October 23, Mrs. Violet Van der Elst, Addison Road, West Kensington, London, W., was committed for trial at the Old Bailey for alleged breaches of the Purchase Tax Order (see *C. & D.*, August 5, p. 134). She pleaded not guilty and reserved her defence. Also committed for trial were the Shavex Zee-Kol Co., Ltd., which was stated to be under the personal control of Mrs. Van der Elst, and Marion Davies, secretary of the company. Both pleaded not guilty. The prosecution related to alleged offences committed by the company, and Mrs. Van der Elst was charged with having signed cheques for purchase tax, knowing the returns to be false because they were alleged to have been deliberately falsified on her instructions. A Customs and Excise officer said that when he questioned Mrs. Van der Elst she declared that it was from him she had first learned that sales of face cream had been entered in the private order book as shaving cream. She was alleged to have added that purchase tax had been charged to the buyer at 100 per cent., and accounted to the Customs and Excise authorities at 33⅓ per cent. When told that nearly £2,000 worth of cream appeared to have been delivered in excess of the recorded sales, she replied that she could not deal with figures as she did not understand them. She did not know that a lot of the cream had been returned to the company because it went mildewy.

Unregistered Trading.—Edward Joseph O'Farrell, Londonderry, was prosecuted by the Customs authorities at Londonderry on October 16 for failing to make application for registration within fourteen days of October 5, 1943. He was also summoned by the Board of Trade for manufacturing toilet preparations without a licence. A Customs officer said defendant claimed exemption on the ground that his takings were less than £500 a year. Investigations by an inquiry officer showed that his total sales for a period of thirteen months were £1,245; the purchase tax involved amounted to £1,030. Evidence for the Board of Trade was that defendant had been refused a licence but had continued to manufacture. All space available at his premises was occupied with material for manufacturing cosmetics. There were six other summonses against defendant for supplying goods to traders. For defendant, it was stated that he had been six years in Canada, where he was engaged in the business. He was a native of Limerick, an ex-Serviceman of the last war, and started a small business in Derry to augment his pension of 12s. a week. He had carried on the business openly, but admitted he should have stopped manufacturing when he was refused a licence. The resident magistrate said it was a barefaced breach of the regulations; he fined defendant £100 in each of the main cases and £30 in each of the other six cases. £21 extra costs was allowed in each of the principal cases, with £10 17s. court costs and witnesses' expenses in the prosecution instituted by the Board of Trade.

Alleged Malted Tonic Deficiency.—At Bromley police court, on October 13, Mr. Thomas John Fowler, M.P.S., trading as Goulden & Allen, Woodmoor Road, Bromley, Kent, was summoned for selling on August 18 a bottle of children's malted milk tonic not of the substance and quality demanded, and for selling with the tonic a label calculated to mislead the purchaser. The preparation was alleged to be deficient in compound syrup of ferrous phosphate. Mr. Fowler in turn summoned the manufacturers (Willows, Francis, Butler & Thompson, Ltd., Shacklewell Lane, London, E.8) for selling the preparation to him. Mr. Fowler was stated to be in hospital following a serious operation, but his co-defendants were prepared to take responsibility. They stated that Mr. Fowler had dealt with the company for a number of years and it was accepted that he had sold the tonic without adulterating it. Analysis revealed, said the prosecution, that, whereas the label claimed that the tonic contained 67·36 per cent. compound syrup of ferrous phosphate, the actual content was only 25 per cent. According to the label, the dose for a child from five to twelve years old was one teaspoonful three times a day. To give the supposed beneficial effect indicated by the label, three teaspoonfuls three times a day would be necessary. The defence stated that the company had been in business since 1751, and probably not more than six customers a year were served with the particular tonic. Some time ago the formula was changed, but by an oversight and a certain amount of carelessness the labels were not reprinted. The new preparation was more costly and had a better tonic effect. The summonses against Mr. Fowler were dismissed, but the manufacturers were fined £10, with £3 3s. costs.

TOPICAL REFLECTIONS

The A.B.C.M. Looks Forward

The statesmanlike address of the chairman of the Association of British Chemical Manufacturers at its annual meeting (p. 453) is an encouraging pronouncement. As you indicate in your editorial article on p. 457, the Association has played a vital part in meeting war requirements; and when hostilities end it will not be of less importance to the chemical industry than it now is. Two remarks in the address struck me as having a special appeal at this juncture. One of these remarks is that the Association provides for the confidential exchange of information with a view to preventing wasteful overlapping in manufacture. It is to be hoped that traditional individualism, however sturdy, will not be allowed to frustrate this useful service. The chairman made it clear that he and those who think on the same lines are not aiming at the elimination of "the comparatively small unit." The other remark (amplified in the annual report) is that co-operation with local chemical industries overseas is worth considering in broader aspects than the merely competitive. The Council of the Association believes that the industrialisation which will proceed "inevitably" in many foreign countries will help to create demands for products not manufactured in those countries. If this happens, opportunities for British manufacturers will be different from, but not necessarily less than, those awaiting them in countries not industrialised. The detailed execution of such a policy is referred by the Council to individual firms. These and other passages in the address show clearly that, in contrast to the unorganised parochialism of, say, a century ago, this Association has what may be called a world policy, one capable of extensive adaptation according to circumstances.

Time Factor in Dispensing

In the article "Conference—and Decision" (p. 462) the main points to be settled in formulating proposals for a national pharmaceutical service are concisely set forth. To what your contributor has well expressed may be added a factor included by implication though not explicitly: the time factor. It happens that on looking through Volume XCII of THE CHEMIST AND DRUGGIST for another purpose during the past week I found a thoughtful article on this subject by a Dover pharmacist. His analysis of the average time occupied in handling a National Health Insurance prescription is worth summarising. It consists of five parts: Receiving (one minute), dispensing (seven minutes), handing out (half-minute), stock-keeping (two minutes), rendering the account (half-minute). These periods add up to eleven minutes, so in a day of nine hours about fifty prescriptions are dealt with by each dispenser. The only item of the five that may call for elucidation is the stock-keeping: this—often overlooked, according to the author—comprises the subsidiary operations necessary in keeping a dispensing department going. The list given is: "Ordering, unpacking the goods, checking, indexing, putting into stock, filling dispensary containers, making stock solutions, dusting, etc." Experienced panel chemists will probably be in near if not complete agreement with these figures. I refrain from citing any of the financial statistics in the article, as it appeared just over twenty-four years ago.

Sponges

At a time when many citizens are anxiously trying to stave off the disintegration of their bathroom sponges, the prospect of renewing our imports from the Mediterranean (p. 446) is welcome. Of late it has almost seemed that we should soon be compelled to speak and write of sponges in the past tense. It will not be surprising if prices rise for all types. Those of your readers whose knowledge of the industry has become a trifle rusty may like to be reminded that sponges are normally obtained by one of five methods—wading, diving, machine-diving, harpooning, trawling. The use of diving apparatus has been prohibited at various times by the British and Greek Governments in the parts of the Eastern Mediterranean under their respective control, as it has been found that divers so equipped are liable to a paralysis which may permanently cripple or even kill them. So far as I am aware, the ætiology of this disease has not been ascertained, though it has been studied in France and elsewhere. With the Fernez breathing apparatus the danger of machine-diving is considerably lessened. In the Bahamas the movements of tides hinder the use of any kind of diving suit. Each of the methods of fishing mentioned has its utility, this depending on depth of sea and nature of seabed.

Xrayser

BIRTH

LLOYD.—At Sandfield maternity hospital, on October 23, Doris Beryl, the wife of C. T. Lloyd, M.P.S., Worthing, Oak Park Road, Brettell Lane, Stourbridge, Worcs, of a son.

MARRIAGE

MCLEAN—SLEATOR.—In Clones Parish Church, co. Monaghan, recently, Flight-Lieutenant Neal McLean, R.A.F., Crieff, Perthshire, to Esther Isabella (Ila) Sleator, elder daughter of Mr. G. W. Sleator, Ph.C., Clones.

DEATHS

BLAKEMAN.—Recently, Mr. Charles David Blakeman, druggist, 549 Hartshill Road, Hartshill, Stoke-on-Trent.

CLARKE.—On July 27, Mr. Samuel Enderton Clarke, M.P.S., 21 Lilycroft Road, Bradford. Mr. Clarke qualified in 1925.

DANIEL.—At the North Staffs Royal Infirmary, on October 21, Sarah Elizabeth (Lily), the wife of Mr. A. W. Daniel, M.P.S., Collier Row, Romford, aged sixty-four.

FRANCIS.—At his residence, 3 Gerald Street, Wrexham, on October 28, Mr. J. Herbert Francis, M.P.S., aged eighty. Mr. Francis was one of the best-known pharmacists in North Wales. All his life he had been associated with the business of Francis & Co., Ltd., in which he took a more or less active part up to the time of his death. He was a leading member of Trinity Presbyterian Church, King Street, Wrexham, where for many years his wife was organist.

FRICKER.—On October 15, Mr. Lionel Fricker, M.P.S., aged fifty-five. Mr. Fricker's address in the Register was 4 Victoria Road, Brighton, 1.

HUMPHREY.—In action in Normandy, during August, Mr. Anthony Humphrey, M.P.S., 1 Park Lea Road, Sunderland, co. Durham. Mr. Humphrey qualified in 1941.

JOHNSTONE.—At his home, Bengairn, Edinburgh Road, Dumfries, on October 19, Mr. William Graham Johnstone, M.P.S., aged seventy-seven. For some sixty years Mr. Johnstone had been connected with the business of W. G. Johnstone & Son, chemists, Church Street, Dumfries, which was founded 130 years ago. A native of Lochmaben, Mr. Johnstone served his apprenticeship with Mr. Ewing (the then proprietor of the business), worked for a short time in Perth, qualified in 1889, and after a short spell in Edinburgh with Duncan, Flockhart & Co., returned to Mr. Ewing. When the latter died in 1900 he managed the business for six years and then acquired it. Mr. Johnstone was a popular figure in Dumfries and extended the concern considerably. He was also senior partner in Johnstone, Hill & Co., aerated water manufacturers, Dumfries. A strong churchman and Freemason, he was a keen golfer but took little part in public affairs. He is survived by his widow and a son and daughter, both of whom were associated with him in the business.

KNIGHT.—On October 10, Mr. Alfred William Percival Knight, M.P.S., 13 Market Place, Wincanton, Somerset, aged sixty-five.

LEDINGHAM.—On October 4, Professor Sir John Ledingham, C.M.G., D.Sc., M.B., F.R.S., formerly director of the Lister Institute of Preventive Medicine and Professor of Bacteriology in the University of London.

SAVERY.—In action in Normandy, during July, Lieutenant William George Savery, R.A., M.P.S., 37 George Street, Tamworth, Staffs. Lieutenant Savery qualified in 1937.

WILSON.—In Glasgow, recently, Professor Forsyth James Wilson, D.Sc., Ph.D. (Freeland Professor of Chemistry, Royal Technical College, Glasgow). Professor Wilson was educated at Edinburgh University, where he was Hope prize scholar and gained a Carnegie research scholarship. At the outbreak of the last war Professor Wilson obtained a commission in the Highland Light Infantry and saw service in France and Italy. He became instructor in gas defence, and finally chemical adviser to the Eleventh Army Corps. In 1932 he was chairman of the Society of Chemical Industry.

WILLS

MR. ERNEST SWIFT, M.P.S., 241 Alder Street, Fartown, Huddersfield, Yorks, a director of Dodd & Co., Ltd., chemists, Huddersfield, who died on July 28, left £359.

MR. HENRY ERNEST NEEDHAM, Crombie Lodge, Hatherley Road, Sidcup, Kent, a director of Ladderix, Ltd., and other companies, left £8,605, with net personalty £8,400.

DR. FREDERICK DANIEL CHATTAWAY, D.Sc., Ph.D., F.R.S., Fulwood, Vansittart Road, Torquay, Devon, Fellow of Queen's College, Oxford, a former vice-president of the Institute of Chemistry, left £13,697, with net personalty £13,618.

PERSONALITIES

SIR CHARLES CRAVEN has been elected esident of the British Employers' Con- deration.

MR. T. F. FOX, M.D., has been appointed itor of the "Lancet," on the retirement Dr. Egbert Morland, its editor since 1937.

MR. C. S. CHALLINOR, M.P.S., has been ppointed pharmacist representative on the orth-eastern area council of the Council Retail Distributors.

MR. G. L. BAILEY, formerly at Woolwich esearch Department, has been appointed irector of the British Non-Ferrous Metals esearch Association.

SIR ALEXANDER FLEMING, F.R.S. (dis- overer of penicillin) has been awarded the ohn Scott medal by the City of Phila- elphia, Pennsylvania, U.S.A.

WARRANT-OFFICER JOHN MCCRUM, .A.S.C., who, prior to the war, was a epresentative in the North of England for . Maw, Son & Sons, Ltd., New Barnet, Herts, has received a special commission as Lieutenant and Quartermaster.

MR. CHARLES ABERNETHY, Ph.C., 230–32 lbertbridge Road, Belfast, the new presi- ent of the Pharmaceutical Society of Northern Ireland (see p. 480), for many ears held the office of vice-president of the hemists' and Druggists' Society of Ireland, nd is a past-president of the Ulster hemists' Association. He became a mem- er of the Pharmaceutical Council in a y-election in 1934. Mr. Abernethy, who ained his Ph.C. qualification in 1926, arries on the business founded in Mount- ottinger by his father, the late Mr. C. B. bernethy.

LIEUTENANT-COLONEL R. W. WREN, .D., R.A., a director of Potter & Clarke, td., has been granted three months' leave rom the Army to attend to business affairs, nd is now again at the company's head ffice in London. Lieut.-Col. Wren was com- anding an anti-aircraft regiment when ar started, but for the last three years as been an Officer Commanding on H.M. ransports, during which time he has ravelled to many parts of the world and aken part in landings in Sicily and the outh of France. He has two sons serving n the Forces—Private E. C. Wren, a irector of the company, and a younger on, Lieutenant A. R. Wren, who is serving n Italy. A third son, at school, is a ser- eant in the Junior Training Corps and a rivate in the Home Guard.

COMPANY NEWS

DRURY'S PHARMACEUTICALS, LTD. (P.C.). —Capital £1,000. Manufacturers of and dealers in medicines, chemicals, proprietary articles, etc. John Greatorex, M.P.S., director. R.O.: 10 Bridge Street, Newark.

ALFA PHOTOGRAPHIC LABORATORIES, LTD. (P.C.).—Capital £1,000. Manufacturing chemists, manufacturers of and dealers in photographic requisites, etc. Barnett Leigh, director. R.O.: 72 Wardour Street, London, W.1.

RESEARCH ENTERPRISES, LTD. (P.C.).—Capital £100. To acquire any inventions or processes relating to medical, chemical or toilet requisites, etc. Directors to be appointed. Solicitors: Wigram & Co., 8 Queen Street, London, W.1.

EASTERN LABORATORIES, LTD. (P.C.).—Capital £100. To acquire the business carried on by Ephraim Woolf as the Eastern Laboratories. Ephraim Woolf, Hetty Budger and Annie J. Kaye, directors. R.O.: 5 Warwick Street, London, W.1.

WM. G. CARTER (CHEMISTS), LTD. (P.C.). —Capital £1000. Wholesale or retail chemists, dealers in toilet requisites and proprietary articles, etc. W. G. Carter, M.P.S., and Lily Carter, directors. R.O.: 16 Joel Street, Northwood Hills, Middlesex.

R. P. BROUGHTON, LTD. (P.C.).—Capital £5,000. To acquire the business of a chemist carried on as R. P. Broughton at Grove Street, Wilmslow. Violet Broughton, Sybil Warburton, John S. Warburton, Harold H. Clegg, M.P.S., and W. A. Taylor, directors. Solicitors: Jackson & Co., 85A Wellington Road South, Stockport.

UNITED GLASS BOTTLE MANUFACTURERS, LTD.—Mr. H. J. Judd (joint managing director with Mr. T. C. Moorshead) becomes managing director of the company on January 1, 1945, at the latter's retirement.

HORLICKS, LTD.—Profit for the year ended March 31 amounted to £228,568, against £229,000 in the previous year. Net profit was £86,274 (£89,851). The final dividend on the ordinary shares is 16⅔ per cent., making 30 per cent. (same) for the year.

VOLUNTARY WINDING-UP.—A general meeting of members held recently resolved that the Truqual Chemists Pure Supplies Association, Ltd., should be voluntarily wound up. Mr. F. C. Fairclough, Bank Chambers, Wallgate, Wigan, was appointed liquidator.

C. & D. DISPENSING PRICE LIST

CHANGES in prices during October were confined to a few drugs. The index figure remains at 134·9 (134·4 in October 1943).

Cost		*Due allowance has been made for purchase tax in both cost and dispensing prices*	Dispensing price		
d.	*per*		4 oz.	1 oz.	1 dr.
			s. d.	*s. d.*	*s. d.*
126	dr.	Æthylmorph. hydrochl. S.1 D.D.	0 8	per	grain
66	lb.	Antimon. sulphuratum S.1 (4)	2 5	0 10	0 2
18	oz.	Balsamum tolutanum	—	2 8	0 5
130	dr.	Codeina D.D.	0 8	per	grain
109	dr.	Codein. phosphas D.D.	0 8	per	grain
120	dr.	Codein. sulphas D.D.	0 8	per	grain
129	dr.	Diamorphinæ hydrochl. D.D.	0 8	per	grain
15	oz.	Ext. nuc. vom. sicc. S.1 (5)	—	2 6	0 5
9	oz.	Ext. opii liquidum D.D.	—	1 6	0 3
27	dr.	Ext. opii siccum D.D.	—	—	4 5
24	oz.	Ext. valerian. liq. B.P.C.	—	3 10	0 7
54	lb.	Lin. camph. (c. ol. arachis)	2 2	0 9	—
81	lb.	Lin. opii meth. S.1 (5)	3 3	1 0	0 2
46	lb.	Magnesii hydroxidum.	1 9	0 7	0 1
133	dr.	Morphin. pur. D.D.	0 8	per	grain
109	dr.	Morphin. acetas D.D.	0 8	per	grain
109	dr.	Morphin. hydrochloridum D.D.	0 8	per	grain
109	dr.	Morphin. sulphas D.D.	0 8	per	grain
133	dr.	Morphin. tartras D.D.	0 8	per	grain
63	oz.	Opium Turc. D.D.	—	—	1 4
84	oz.	Opium pulveratum D.D.	—	—	2 0
8	oz.	Phenolphthaleinum	—	1 2	0 2
60	lb.	Pulv. cret. arom. c. opio S.1 (5)	—	0 10	0 2
18	oz.	Pulv. ipecac. et opii S.1 (5)	—	2 11	0 5
18	oz.	Pulv. kino co. S.1 (5)	—	2 11	0 5
16	oz.	Sulphanilamidum S.1 ℞ only	—	2 4	0 4
141	lb.	Tinct. opii D.D.	5 6	1 7	0 3
126	lb.	Tinct. opii, B.P., 1898 D.D.	4 11	1 5	0 3
86	lb.	Tinct. opii ammon. P.1 (9)	3 6	1 1	0 2
116	lb.	Tinct. opii aq. 1% morph. D.D.	4 7	1 4	0 3
84	lb.	Veratri virid. rhiz. pulv. S.1 (4)	—	1 1	0 2

COMING EVENTS

Sunday, November 5

MANCHESTER PHARMACEUTICAL ASSOCIATIO Ramble to Chinley, Castleton and Hop Meet Central Station, 8.30 a.m. Book Ho return. Inquiries to W. Edwards, Q Trafford.

Tuesday, November 7

NORWICH BRANCH OF THE PHARMACEUTIC SOCIETY, Three Ways Café, Brigg Stree Norwich, at 7.15 p.m. Mr. E. A. Brocklehur (a member of the Society's Council) on "T Future of Pharmacy."

Wednesday, November 8

GLASGOW AND SOUTH-WESTERN SCOTTIS BRANCH, PHARMACEUTICAL SOCIETY, Hig landers' Institute, at 7.30 p.m. Ope discussion.

MANCHESTER BRANCH, CHEMICAL SOCIET Manchester University, at 5 p.m. Profess I. M. Heilbron, F.R.S., on "Chemistry Relation to National Prosperity."

WEST HAM AND EASTERN DISTRICT ASSOCI TION OF PHARMACISTS AND BRANCH, Churc Institute, 27 Romford Road, Stratfor London, E.15, at 7.30 p.m. Mr. W. Atkins on "Post-war Problems in Pharmacy fro the Younger Pharmacist's Viewpoint."

Thursday, November 9

CARDIFF BRANCH, PHARMACEUTICAL SOCIET Technical College, Cardiff, at 7.30 p.n Professor R. St. A. Heathcote on "Th Sulphonamide Group."

SOCIETY OF CHEMICAL INDUSTRY, Universit of Edinburgh, Teviot Place, Edinburgh, a 5.30 p.m. Professor Sir Alexander Fleming on "Antiseptics" (Lister Memorial lecture).

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN 17 Bloomsbury Square, London, W.C.1, a 7 p.m. Mr. A. L. Bacharach, M.A., F.R.I.C on "Properties and Uses of Penicillin i Relation to Pharmacy."

C. & D. QUIZ, NO. 40

1. Who was the first Bell scholar?
2. Who isolated aluminium?
3. Who discovered acetone?
4. Where is lead first mentioned?
5. What is cortin?
6. What is trichorethylidene glycol?
7. What are the active principles of calumba
8. What is the Dick test?
9. Of whom was it said "himself so swete a is the roote of licorys"?
10. What is the botanical source of chamomile?

(*Answers on p.* 485)

No Stand Down.—Waste paper is stil urgently required for munitions.

TRADE NOTES

Tablets.—Colemore & Cook, Ltd., 50 Islington Park Street, London, N.1, are preparing to punch "tablets by the million" when peace returns.

Safety Torches.—Pifco, Ltd., Pifco House, London, E.C.2, direct attention to their Pifco safety torches, with or without double action, which they point out are branded with the company's trade mark.

A Seasonable Item.—Burgoyne, Burbidges & Co., Ltd., London, E.6, draw attention to Burgoyne's bronchial emulsion as a seasonable winter line compounded to a well-proven formula. Terms are given elsewhere in this issue.

Athlete's Foot.—A solution for application in the unpleasant condition known as Athlete's foot is marketed, under the title Atheet, by Ashe Laboratories, Ltd., 120 Victoria Street, London, S.W.1. The preparation is sold exclusively through chemists.

Soap Delays.—Delays in meeting orders for Imperial Leather toilet soap are unavoidable, state the makers (Cussons, Sons & Co., Ltd., Kersal Vale, Manchester, 7), who assure chemists that every effort is being made to secure equitable distribution.

Container Recovery.—The Container Recovery Service originated in the early part of the war by Lever Bros. & Unilever, Ltd., now handles a million cases weekly. In total 140 million outer containers have so far been collected and put into repeated use.

Face Powder and Lipstick.—Anderson & Reeves, 157 Regent Street, London, W., announce that they can execute promptly, from stock, orders for Tryst complexion powder, which is available in six shades, and can accept orders for lipstick refills for delivery as and when available under quota restrictions.

Post-war Tablet Inquiries. — Donald Brooks & Co., Ltd., 271 Wakefield Road, Huddersfield, manufacturers of tablets exclusively for the wholesale and manufacturing pharmaceutical trade, state that they cannot accept further business for some months ahead, but will welcome inquiries relating to post-war business.

Alum-precipitated Whooping-cough Vaccine.—Glaxo Laboratories, Ltd., Greenford, Middlesex, are introducing for the first time in this country an alum-precipitated whooping-cough vaccine. The precipitation of this vaccine with alum has been investigated in extensive field trials in the United States, where it has been demonstrated that a higher level of immunity results from a smaller total dosage than with suspended vaccine. The preparation is available in bottles containing 5 c.c. and 10 c.c.

Canadian Bull for Ovaltine Farm.—By special permit, "Brampton Canada's Finest," an outstanding pedigree Jersey bull, has arrived in England from Canada for the Ovaltine dairy farm of A. Wander, Ltd. The purchase price was £1,250, and the bull comes from the famous Brampton herd (the largest Jersey herd in the world) established in Ontario, Canada. He is a grandson of Brampton Basilua, a Jersey cow recently in the news for having twice broken the world's record—for all breeds—for the production of butter fat.

Medical Specialities.—Descriptive literature on phemitone-Boots and pethidine hydrochloride-Boots will be sent on application to the Medical Department, Boots Pure Drug Co., Ltd., Station Street, Nottingham. Phemitone is a barbituric acid derivative related to phenobarbitone for the treatment of all forms of epilepsy. It is considerably less toxic than phenobarbitone, and possesses the advantage of being practically free from the hypnotic effects usually associated with phenobarbitone and bromides. Pethidine hydrochloride is a new synthetic analgesic for use in neurological conditions and for relief of pain associated with spasm.

Business Changes

KIRKPATRICK, BARR & PATON have removed to Cory Buildings, 117 Fenchurch Street, London, E.C.3. Telephone: Royal 4648.

MR. STANLEY M. NETHERWAY, M.P.S., has purchased the business of Stanley Drug Co., Ltd., 12 Station Parade, Romford, and will carry it on under the name of S. Maurice Netherway.

A. ELDER REED & CO., LTD., have, since November 1, been operating their export department, which is under the management of Mr. Harry Greayer, from Suffolk House, 5 Laurence Pountney Hill, London, E.C.4. (Telephone: Mansion House 8040.) The head office of the company remains at 103–05 Battersea High Street, S.W.11. (Telephone: Battersea 8401–02.)

PROPRIETARY ARTICLES TRADE ASSOCIATION

A MEETING of the council of the Proprietary Articles Trade Association was held in London on October 19, the president (Mr. P. G. Hunt) in the chair. A letter was received from Mr. H. N. Armitage, Leeds, stating that he felt compelled to resign his seat on the council. His resignation was accepted with regret, and the council expressed thanks for and appreciation of his services as member of council and as president.

Honorary Membership

Following a decision taken at the April meeting of the council, the following addition to the Association's rules was adopted: (Rule 11*a*) "The council may at its discretion elect as honorary members of the council such persons who, as former members of the council or otherwise, have, in the opinion of the council, rendered exceptional service to the Association. The number of honorary members of the council shall not at any time exceed six, and such honorary members shall not have the power to vote."

It was moved by MR. F. J. SMITH, seconded by MR. P. F. ROWSELL, and carried unanimously, that Mr. J. Godber (a former member of council and past-president of the Association), who had, during forty years, rendered devoted and invaluable services to the Association, should be elected the first honorary member.

Policy to be Further Considered

The council discussed the position resulting from manufacturers' replies to a questionnaire upon suggested alterations in the Association's policy, and agreed that the matter should be further considered by the executive committee.

Trade Associations

The executive committee reported that attention had been directed to articles and correspondence relating to trade associations which had appeared in "The Times," and to certain paragraphs in the White Paper on Employment Policy (Cmd. 6527) dealing with combines and agreements "by which manufacturers have sought to control prices and output, to divide markets, and to fix conditions of sale." It was mentioned that, should any inquiry, such as that foreshadowed in the White Paper, be initiated, all relevant material relating to the case for the P.A.T.A., which had been prepared in fullest detail for submission to the Restraint of Trade Committee in 1930, was available for use if required.

Post-war Surplus of Proprietaries

The council was notified that the executive committee had had under review, and had taken preliminary steps in connexion with, the position that might arise after the war if effective control were not exercised over the disposal of surplus stocks of proprietary articles, particularly toilet and cosmetic goods, held by Service canteens and other war-time organisations. The committee's action was approved.

Price-maintenance

The secretary's report on price-maintenance during the previous three months stated that the Association's agents had visited the premises of 300 traders to make tests and/or estimate the range of stocks of P.A.T.A. articles, and the prices charged for them; of these 300 traders, only seven were found to offer or sell P.A.T.A. goods at less than the minimum retail price. In general, the range and stock of P.A.T.A. articles held by traders whose names still appeared on the stop list was negligible. The report also dealt with the position of co-operative societies and the action taken in relation thereto.

It was agreed to adhere to the policy of not holding a council election during war-time.

Additions to Protected List.—*Aimée Lloyd & Co.* (1933), *Ltd.* Skintox, 2-oz. pots, 14s. doz., tax 2s. 4d. doz., inclusive retail price 2s. Replaces former large size retailing at 1s. 8d., including tax.

Associated Chemicals, Ltd., Persomnia tablets, 18s. doz., tax 3s. doz., i.r.p. 2s. 3d.

Battles, Ltd. Battle's vermin killer, 5s., 36s. doz. (exempt from tax).

Bayer Products, Ltd. Calsprin, 14s. doz., tax 2s. 4d. doz., inclusive retail price 1s. 11½d. Bonus of thirteen to doz. on minimum orders of three doz. and over, subject to usual 2½ per cent. for cash by fifteenth of month following.

Clinical Products, Ltd., Isobrom brand bromisovalerylurea tablets, 25's, 36s. doz., tax 6s. doz., i.r.p. 4s. 6d.; 100's, 126s. doz., tax 21s. doz., i.r.p. 15s. 9d.

Codella Seltzer, Ltd., c/o Moore Medicinal Products, Ltd., Codella aspirin tablets, 25's, 6s. doz., tax 1s. doz., i.r.p. 10d.; 100's, 18s. doz., tax 3s. doz., i.r.p. 2s. 6d.

County Perfumery Co., Ltd., Brylfoam, small jars, 10s. 6d. doz., tax 3s. 6d. doz., i.r.p. 1s. 7½d. Replaces tubes formerly retailing at 7½d. and 1s. 2½d., including tax.

Genatosan, Ltd., various medicinal articles (particulars on application).

D.D.D. Co., Ltd., D.D.D. Prescription, extra strong, 45s. doz., tax 7s. 6d. doz., i.r.p. 5s. 7½d. Large size, retailing at 13s. 6d., including tax, withdrawn.

Glaxo Laboratories, Ltd., alum-precipitated whooping-cough vaccine, G.L., 5-c.c. phials, 10s. 9d., 96s. 9d. doz.; 10-c.c. phials, 15s. 6d., 139s. 6d. doz. (exempt from tax).

Milner & Coke, Ltd., G.O. effervescing powder, 12s. doz., tax 2s. doz., i.r.p. 1s. 11d. Opit (registered) tonic, 22s. 3d. doz., tax 3s. 8½d. doz., i.r.p. 3s. 7d.

Moore Medicinal Products, Ltd., Brovonex, 3-oz. bottle, 36s. doz., tax 6s. doz., i.r.p. 5s.; 8-oz., 90s. doz., tax 15s. doz., i.r.p. 12s. 6d.; Morovin tablets, 25's, 14s. doz., tax 2s. 4d. doz., i.r.p. 1s. 11½d.; Nostex, ½-oz. bottle, 18s. doz., tax 3s. doz., i.r.p. 2s. 6d.; Deedon inhaler, home model, 30s., 240s. doz. (exempt from tax). pocket model, 21s. 6d., 172s. doz. (exempt from tax).

Riddell Products, Ltd., Obesettes, 100's, 54s. doz., tax 8s. 9d. doz., i.r.p. 6s. 9d.; 250's, 112s. 6d. doz., tax 18s. 3d. doz., i.r.p. 14s. Less 2½ per cent. for monthly settlement.

Stemco, Ltd., Stemcol, 6-oz., 14s. doz., tax 2s. 4d. doz., inclusive retail price 1s. 11½d.; 16-oz., 28s. doz., tax 4s. 8d. doz., i.r.p. 3s. 11d. Semprolia brand insecticide (medicated Lethane hair oil), 2-oz., 8s. doz., tax 1s. 4d. doz., i.r.p. 1s. 1½d.

Alterations.—*John Bell, Hills & Lucas, Ltd.* Extra 5 per cent. allowed to retailers on £5 assorted orders will in future be available if the goods are sent in one consignment.

H. W. Carter Co., Ltd., Ribena blackcurrant syrup, 13½-oz. 2s. 8d., 25s. 7d. doz. (exempt from tax). Prices controlled by Ministry of Food under war conditions.

Thos. Christy & Co., Ltd., T.M. smokers' tooth-powder, 6s. doz., tax 2s. doz., i.r.p. 11d.

Dimol Laboratories, Ltd. (distributors, *Anglo-French Drug Co., Ltd.*), Dimol pastilles, 2-oz. tin, 8s. 5d. doz., tax 1s. 5d. doz., i.r.p. 1s. 1½d.

Alfred Fennings, Fennings fever curer is now known as Fennings fever mixture.

J. Grossmith & Son, Ltd., Old Cottage lavender hair-fix (No. 88C), 20s. doz., tax 20s. doz., i.r.p. 4s. 2d.

Bob Martin, Ltd., new standard cases for Stocksense, case 1, 5½ doz. 7½d. drums and bonus of ½ doz. 7½d. drums; case 2, 2¾ doz. 1s. 6d. drums and bonus of three 1s. 6d. drums; case 3, 1 doz. 4s. drums (no bonus). Terms, carriage paid, 2½ per cent. settlement account, monthly account. Bulk packs: 5-lb. bags, 8s. 6d. each, 6s. 4d. each net; ½-cwt. bags, 75s. each, 60s. each net.

Milton Antiseptic, Ltd., Milton bulk prices, 80-oz. winchester, minimum of two supplied.

Henry C. Miner, Ltd., liquid make-up, 6s. 2d. doz., tax 6s. 2d. doz., i.r.p. 1s. 2d.; 18s. 4d. doz., tax 18s. 4d. doz., i.r.p. 3s. 6d.

Modern Health Products, Ltd., Educol brand concentrate, retail price, including purchase tax, 1s. 5d.

Moore Medicinal Products, Ltd., M.M.P. pocket inhaler, amber glass, 14s., 112s. doz.; clear glass, 12s. 6d., 100s. doz. (untaxed).

Perox, Ltd. (distributors, *Kolynos* (*Sales*), *Ltd.*), prices in Eire, Perox super peroxide tooth-paste, 7½d., 4s. 9d. doz.; 1s. 3d., 9s. doz.

Pharmaceutical Specialities (*May & Baker*), *Ltd.*, M. & B. 693 oval suspension, 6-oz. bottles, 5s., 40s. doz. Winchester qts. (80 oz.) 50s., 33s. 4d. each.

Phillips Yeast Products, Ltd., bonus parcels value 25s. withdrawn.

Chas. H. Phillips Chemical Co., Ltd., prices in Eire: California syrup of figs (registered) 1s. 3d., 11s. 3d. doz., 2s. 6d., 22s. 6d. doz. Milk of magnesia (registered), 1s. 3d., 11s. doz.; 2s. 6d., 22s. doz.

Potter & Clarke, Ltd., Potter's asthma cure is now known as Potter's asthma remedy.

Potts Infants' Friend, Ltd., the Infants' Friend, carriage now paid to retailers on orders value £3 instead of £3 3s.

St. Andrew Mills, Ltd. (agents for Camelia sanitary towels, *Chappell, Allen & Co., Ltd.*), Camelia sanitary towels, oversize, 2s. 3d., 20s. 3d. doz. (exempt from tax).

Deletions.—*Belle Isle Laboratories, Ltd.*, Rayfilta sun-tan jelly.

Baker's Medicine Co., Ltd., Baker's backache pellets.

Curacho Co., Curacho oil-less embrocation.

E. Griffiths Hughes, Ltd., Karsote inhalant, large size; Kruschen salts, 6d. size; Radox bath salts, all sizes except large size retailing at 3s. 1½d., including tax; Wex saline, small.

John Hart Brittain, Ltd., Kotalko and soap.

International Laboratories, Ltd., Karmoid (double strength).

Kay Bros., Ltd., Kay's linseed compound, large size.

King & Hudson, Ltd., malaria specific.

Milner & Coke, Ltd., G.O. lemon-flavoured seidlitz powders.

New Era Treatment Co., Ltd., Elasto tablets and Nature Salve and Nervene, special bonus packages withdrawn.

Parke, Davis & Co., analgesic balm; cascara sagrada extract tablets, C.C.T. 175, S.C.T. 262, C.C.T. 54, 55; cod liver oil emulsion, 33 per cent. with hypophosphites; petroleum emulsion; Ventron capsules.

Potter & Clarke, Ltd., Carter's vegetable cough remover; Dr. Thompson's slippery-elm' biscuits; slippery-elm food, 10½d. and 1s. 6d. sizes; slippery elm and honey; Neo-Lific food, small size.

Reine des Crèmes, Ltd., La Reine des Crèmes, jars Nos. 1 and 2.

Scott & Bowne, Ltd., Scott's emulsion, trial size; Scott's halibut liver oil (Halivite).

Tampax, Ltd., Tampax, packets of three.

A. Wander, Ltd., Nutromalt; Ovaltine tablets, 4d. tubes; Veguva baby food, No. 2.

Western Dental Manufacturing Co., Ltd., Neoklorin tablets and tooth powder.

CLOSED ON SATURDAYS.—Advertisers and subscribers are reminded that owing to war conditions the Head Office of THE CHEMIST AND DRUGGIST, 28 Essex Street, London, W.C.2, is closed on Saturdays until further notice. Urgent instructions relating to advertising and subscriptions should be sent to the *C. & D.*, 17 Argyle Street, Bath, Somerset.

PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

Mr. J. T. Nicholl (president) was in the chair at the monthly meeting of the Council of the Pharmaceutical Society of Northern Ireland, which took place at the Society's headquarters on October 20. Messrs. Charles Abernethy (vice-president), James McDowell (treasurer), J. E. Connor, J.P., H. H. Cowzer, James Donaghy, S. H. Forrest, J. Glendinning, J. W. Gray, J.P., James Irwin, H. F. Moore, J. McGregor, W. C. Tate, Dr. S. E. A. Acheson, and Professor E. B. C. Mayrs, M.D., were also present, and Mr. D. L. Kirkpatrick (secretary) was in attendance.

Officers

The election of office-bearers resulted as follows: *President*, Mr. Charles Abernethy, proposed by Mr. J. T. Nicholl (retiring president), seconded by Mr. W. C. Tate, and unanimously approved. Mr. Nicholl invested the new president with the chain of office, and thanked Council members for their support during his year in the chair. Both he and Mr. Tate paid tribute to the fine qualities of the new president. The new president thanked members for the high honour they had conferred upon him, and hoped he would fill the position as well as his predecessor in office.

For the office of *Vice-chairman*, Mr. James McDowell was proposed by Mr. Abernethy, seconded by Mr. Donaghy. Mr. McDowell, who was elected, said he would endeavour to support the president.

Mr. H. F. Moore proposed, Mr. J. Glendinning seconded, and Mr. J. E. Connor, J.P., supported the election of Mr. J. W. Gray, J.P., Armagh, to the position of *Honorary Treasurer*. Mr. Gray was duly elected.

Committees

The following were elected to the various *Committees*: Education, Messrs. H. H. Cowzer, J. Irwin, J. T. Nicholl, J. McGregor, Professor J. Small, Mr. W. C. Tate. Law, Messrs. H. F. Moore, Dr. S. E. A. Acheson, J. E. Connor, J.P., J. Irwin, J. T. Nicholl, J. McGregor. House, Messrs. H. F. Moore, H. H. Cowzer, J. Irwin, J. McGregor, Professor J. Small, Mr. W. C. Tate. General Purposes, Messrs. H. F. Moore, H. H. Cowzer, J. W. Gray, J.P., J. F. Grimes, J.P., S. H. Forrest, Professor E. B. C. Mayrs, M.D. Finance, Messrs. J. W. Gray, J.P., J. Donaghy, S. H. Forrest, J. Glendinning, J. Irwin, Sir Thomas McMullan, D.L.

Mr. J. W. Gray proposed, and Mr. James Irwin seconded, that Messrs. Robert Walsh & Sons should be reappointed *Auditors*. This was passed, as was the reappointment of Messrs. Hamill, Davison & Wilson as *Solicitors*, as proposed by Mr. Moore and seconded by Mr. Forrest.

Veterinary Products

The Secretary read the following letter from Evans Sons Lescher & Webb, Ltd., Liverpool:—

> In consultation with the officers of the National Veterinary Medical Association it has been agreed that in Northern Ireland the supply of Pirevan shall cease to be restricted only to veterinary surgeons, or through pharmacists against veterinary surgeons' prescriptions. This decision has been taken because it is felt that it is in the interests of livestock production for Pirevan to be available freely to farmers through pharmacists. Pirevan is a highly potent substance and, although the restrictions on its supply have been withdrawn, we strongly recommend that it should be used only by farmers after consultation with a veterinary surgeon, and provided that the farmer is quite sure of when and how it should be administered.

Mr. Donaghy moved that the Society should write to Bayer Products, Ltd., May & Baker, Ltd., Burroughs Wellcome & Co., and The British Drug Houses, Ltd., pointing out the Council's objection to the extension or continuation of the system. This was seconded by Mr. J. E. Connor, J.P., and passed.

Examinations and Membership

The following passed the pharmaceutical Preliminary examination of Queen's University, Belfast, in September: Miss Dera Davey; Mr. Francis Leyden.

The following nominated candidates were elected members of the Society: Messrs. Samuel Moore, 2 Railway Terrace, Ballyclare; James Crilly, 263 Falls Road, Belfast; and Joseph A. McIntyre, 37 Timbey Park, Belfast; Miss Margaret Heney, Banagher Manse, Feeny, Londonderry; Messrs. Arthur B. Angus, 27 High Street, Donaghadee; and George Black, 89 Grosvenor Road, Belfast; Miss Sarah A. Irwin, 4 Alexandra Terrace, Whitehead; Messrs. A. L. Martin, sen., Market Street, Portadown; W. H. Richardson, High Street, Portadown; F. M. Kerrin, Tankill, Culkey P.O., Enniskillen; S. Smiley, jun., Central Pharmacy, Castlewellan; A. Robinson, Kilbride, Doagh; and J. Kirk, 111 Holywood Road, Belfast.

JUDGMENT IN MORYL CASE

JUDGMENT was given by Mr. Justice Hilbery in the King's Bench Division on October 26 in an action arising from the death in hospital in Oxford of a Flight-Sergeant shortly after he had been given an injection of Moryl (*C. & D.*, October 21, p. 420).

Damages Against Company

Awarding the plaintiffs (the deceased's executors) £2,000 damages, with costs, against Savory & Moore, Ltd., the Judge said that he had no doubt about where the responsibility for the deceased's death lay. Messrs. Savory & Moore sold Moryl in solution and in crystals, the dry form being 400 times as strong as the liquid form. For many years an ampoule had been used to contain one dose of a drug, and an ampoule had come to be considered throughout the medical and nursing professions as synonymous with a dose. Messrs. Savory & Moore packed and sold the pure drug in ampoules, which were in boxes similar to the boxes containing the drug in liquid form for injection. In the boxes containing the drug in dry form there were printed directions which stated that half to one ampoule was a dose; these did not state that the Moryl in the boxes was not for internal use.

"I am satisfied," added the Judge, "that there was no negligence by the doctor in prescribing one ampoule or by the sister in administering it. The sister had never seen an ampoule which was not a dose, and she was misled by the form in which the company packed the pure drug and by the express directions they gave with it." It had been said that Dr. Lovas was negligent because he ordered the injection of a dangerous drug and did not specify the quantity, but his lordship thought that, as the medical and nursing professions accepted and treated an ampoule as a vessel which always contained a dose, the doctor was not negligent in prescribing an ampoule and not writing a prescription specifying the quantity and strength of the Moryl to be used. As Oxford Corporation were sued only as a body vicariously responsible for the doctor's negligence, if proved, the finding that he was not negligent discharged them from any liability.

Messrs. Savory & Moore contended that there was no relationship between them and the deceased which put them under a duty to him to exercise reasonable care, and that even if there was such a duty there was no breach of it. They were manufacturing a drug which they knew could be safely used for internal application only at very low strength, and they must have known that in great strength, i.e., in its pure form, the chemical was dangerous if used internally. The drug in the strong form, in which it was in this case, was dangerous. Savory & Moore, Ltd., must have known that, though they sold it exclusively to chemists and druggists and the medical profession, yet if they packed it in ampoules each ampoule would be regarded by the medical and nursing professions as containing one dose. They must have known that reliance would be placed by those using the drug on the printed directions given with it.

A stay of execution was granted pending a possible appeal.

IN THE COURTS

In Possession of Opium.—At Liverpool, on October 11, two Chinese ship's firemen, Wong Vin and Han Chuen, were each sent to prison for one month and fined £25 for being in possession of prepared opium and for bringing opium into this country.

Cancer Advertisements.—At Chertsey, on October 25, Oswald Earp, Egham, was summoned by Surrey County Council and the Pharmaceutical Society in respect of two advertisements of a treatment for cancer and cataract. He was fined £10 on each summons. It was stated that a pamphlet contained references to two persons alleged to have been cured of cancer by a preparation called Tassa.

Hair-waving Sachets.—Nelson Sachet Co., Clough Mills, Church Street, Brierfield, Lancs, were recently fined a sum of £15, with £10 10s. costs, for producing hair sachets from paper, contrary to the paper-control regulations. It was stated that the company had manufactured something like 500,000 permanent-waving sachets from greaseproof paper. Defence urged that a breach of the Order had been committed innocently. Before the control the sachets were made of paper, except for pads. After the control was imposed the company made gauze holders and inserted a small piece of paper to protect the hair and keep in the steam while the process of permanent waving was proceeding. There was a dispute about the number of sachets made. Close investigation of the books gave the figure as 356,544.

'TRIAD'CHERRY *Flavoured* MALT & OIL
COLD CURE CAPSULES
'VYTINA' TONIC TABLETS
HALIBUT OIL & MALT
TONIC PHOSPHATES
TIN OX TABLETS

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HEMIST AND DRUGGIST
ESTABLISHED 1859
RETAILER — WHOLESALER — MANUFACTURER
culates throughout the Pharmaceutical, emical, Drug, Essential Oil, Perfumery, smetic, Toilet Preparation and allied ades and Industries in Great Britain, Eire, British Empire, and foreign countries
icial organ of The Pharmaceutical Society of land, The Pharmaceutical Society of Northern land, The Chemists' and Druggists' Society of land and of other Chemists' Societies in the Empire

L. CXLII NOVEMBER 4, 1944 NO. 3378

e fact that goods made of raw materials short supply owing to war conditions are vertised in this paper or described in its torial columns should not be taken as an lication that they are necessarily available export.

Post-war Export Policy

IE comparatively few export permits ing granted and the delay in issuing them shippers and inquiries regarding the vernment's policy on export trade follow- the cessation of hostilities in Europe re again the subject of a series of questions the House of Commons on a recent casion. No satisfaction was obtained, e replies of the Parliamentary Secretary the Board of Trade (Captain Waterhouse) ing in the nature of "evasive action." nally, in a reply to Sir Patrick Hannon, e Minister said:—

"I do not see how it will be possible to make a general statement about the position of overseas trade until the war with Germany has been concluded."

The Government has brought forward st-war schemes and enunciated policies almost every conceivable subject which ill involve the spending of money, in the gregate to the extent of some hundreds millions annually, but it appears so far t to have given even preliminary con- deration to the fundamental question of r peace-time world trade policy.

The country's financial position at the end of the war will be such that, without the proposed commitments for social, educational and other developments, a quick revival and substantial increase in our shipments to overseas markets will be essential. The introduction of a great scheme to raise the educational standard and to make it free to all, the proposed comprehensive health service, the social security plan, the industrial injury insurance scheme, subsidies for housing, for the mines and for agriculture and payment of compensation under town planning are bound to increase national expenditure.

Taxation Limits

It is freely and generally admitted that the current level of taxation has reached its limit even in war-time and full employment conditions. Further increases at the end of hostilities would prove disastrous. Actually, the best tonic that could be administered to our commercial interests and which would help create full post-war employment would be a good reduction in direct taxes and the abolition of many of the indirect taxes, particularly those which were imposed for purposes other than that of revenue raising. The problem of reducing taxation and at the same time obtaining the additional revenue that will be required will only be solved by maximum industrial and commercial activity, with exports playing a predominant part. Unless this is achieved, and if inflation is to be avoided, some, at least, of the Government's social reforms may have to be deferred.

A Lead Wanted

The Export Council, a semi-official body set up by the Government in 1940, has so far made public no statement on the subject of post-war trade. It is not known if it has made any recommendations on the matter to the Government. The many export groups representative of individual trades and industries seem, in some instances, inert. They each may be endeavouring to work out their own salvation, but without some lead from the Government, particularly in respect of our trade relations with foreign and Empire countries, they can do little more than plan in the dark. The chairman, at the recent annual meeting of

the Association of British Chemical Manufacturers (*C. & D.*, October 28, p. 454), referred to post-war export trade and urged the Government "to translate pronouncements of academic idealism into concrete proposals of policy." In the past we have been the best customer of many Empire and foreign countries, but some of them did not reciprocate to the extent they might have done. For instance, by all means foster inter-Empire trade, but it will not be a practical proposition for us if it is largely one-way traffic. It would be helpful if the Government gave a lead by issuing a memorandum outlining its policy on the priority release of raw materials for the manufacture of goods for export and post-war international trade.

The Teat Position Today

As recorded in the week's news (p. 471), Lady Astor (Member of Parliament for Plymouth) has succeeded, after nearly four months' efforts on behalf of the chemists and nursing mothers among her constituents, in securing an "emergency supply" of one dozen teats per chemist in the city. The Noble Lady has the reputation of being a tenacious and doughty champion of the causes she takes up, and perhaps not all constituencies have had their claims so purposefully voiced. That being so, and seeing that, in the House of Commons on September 26, the President of the Board of Trade announced that "larger supplies are reaching the shops," it is pertinent to inquire (*a*) whether larger supplies have, in fact, reached the shops in all areas; (*b*) whether, if so, the supplies are large enough even yet to meet the demand; and (*c*) whether the quality of the teats is adequate to give real meaning to the statistics.

From Plymouth, where the "emergency" consignment has clearly been the only delivery for some time, one of the local chemists gives emphatic answers to all three questions. "In my shop," he says, "we refuse at least 300 requests for teats each week, and have done so for the last three months." The shortage, despite the 720 teats sent in, is still "outrageous," and the goods supplied, far from being a first-quality article, "would only last a baby a the outside one week." Inquiries we hav made personally in other areas indicat that the position is certainly less acut than a month ago. The point has onc more been reached at which a woman can as with baby foods, eventually be fairl sure of obtaining a teat by visiting sho after shop. Replies actually given b chemists to requests from customers hav been noted, and the following are examples

"None at the moment, but we had som last week, with promise of more this week. Ge one elsewhere if you can, because the positio is a little indefinite; I think it will improv now. They are making them again."

"Had a few on Friday, which were very soo gone. Can't say when we shall have any more There has been no increase in our supplies."

"None. The position is not a bit better You know as much about it as I do. Tw months ago the Ministry of Supply said the were releasing more rubber for teats but th quantity is obviously such a ridiculously smal quantity that it just goes nowhere."

"Hope to have some this week or next."

This is not good enough. It ought not t be necessary for a mother to trudge roun a whole neighbourhood to secure an artic which is, in the circumstances, an absolut necessity. Her life is busy enough withou that. Moreover, although many of th teats now available seem to be of excellen quality, there are still a proportion in mos areas of the inferior kind that "will no last a week." It is only fair to point ou that the Minister, from his remark o September 26 ("One of the troubles is tha synthetic rubber is not good for teats" appears to have insisted that henceforth only pure rubber is to be used in manu facturing them. We are satisfied, too, fron correspondence we have had with leadin manufacturers, that distribution is upo the most equitable basis they can devise There seems no escaping the conclusion therefore, in view of these facts, that stil more raw materials must be released We see no reason for keeping supplies on whit below the demand figure, especially since, on a declining population, there i every argument for making the nurtur of babies as smooth and free from obstacle as possible.

A Lesson from Northern Ireland

THE annual meeting of the Associates' Section of the Ulster Chemists' Association is not merely a first milestone in the history of that body. It is a landmark in the development of pharmacy in these islands.

The Ulster Chemists' Association is a body which is roughly the equivalent, in Northern Ireland, of the National Pharmaceutical Union in Great Britain. In November 1943 the Association passed a resolution "that an associate group for pharmaceutical employees should be formed within the Association." This was to be "a genuine attempt . . . to make provision and to cater for qualified chemists not in business on their own account, qualified assistants and apprentices." In February of this year a temporary committee was formed, and later the Section was organised on a more permanent basis. Even while on a temporary basis the Section, through its committee, took action (in which it was supported by the Executive Committee of the Association) over an advertised vacancy for a dispenser at an unsatisfactory rate of pay, and the annual report cites three disputes that fell to be settled prior to the annual meeting. A combined deputation of the Section and the officers of the Association during the year visited the Ministry of Labour with proposals for increased pay for employed chemists in modification of a Tribunal award, and it is recorded that "questions of wages and hours had been discussed in an atmosphere of perfect friendliness, for it was mutually realised that anomalies in the award required adjustment." Full agreement has been reached on the financing of the Section, and there is every prospect that the co-operation so auspiciously begun will develop and fructify in the future.

Employees' Affairs in Great Britain

There must be many who will feel regret that events could not have followed a similar course in this country. At one period there seemed some prospect that the N.P.U. would sponsor an employees' section, which would have had advantages far wider than the immediate interests of salary-earning pharmacists. That the section did not materialise was no doubt due rather to the poor response of the employees than to lack of goodwill from the N.P.U. side, but it is true to say that there was not in this country an enthusiastic nucleus, as in Ulster, prepared to carry through the proposal in the face of general apathy, and the subsequent course of employee organisation has not been edifying. The spectacle is before pharmacists today of several T.U.C.-affiliated Unions competing for membership, an unaffiliated Union displaying commendable energy and enthusiasm but of little practical value because it is unrepresented on the Joint Industrial Council for Retail Pharmacy, and a Guild of Public Pharmacists far from unanimous on whether to register as a Trade Union or not. The centrifugal tendencies at work are evidences of the varying importance placed by employees on professional, economic and even political factors, and the most likely outcome is, first, a lowering of economic status in all groups of employees—or at least a failure to improve it—and, secondly, an increasing gravitation of the varying groups to more powerful but "foreign" groups outside the craft. At the start, the interests of pharmacist employees behind the retail counter may not be greatly divergent from those of pharmacists behind the public dispensary hatch, but ultimately the Shop Assistant and the Scientific Worker may become poles asunder.

What the solution to the difficulty is it is not so easy to suggest. The opportunities of the past can never be recaptured, but the goal should surely be an organisation catering for professional and economic interests simultaneously. The route is by closer agreements between existing bodies, even to the extent, perhaps, of one body handing over its members to another. That is not an easy road, particularly when the organisers may not themselves be pharmacists. But it is the only road along which, in the long run, there can be fruitful co-operation such as has been set on foot in Northern Ireland.

"C. & D." Quiz No. 40.—The answers to the questions on p. 476 are: 1. W. A. Tilden. 2. F. A. Wohler, 1827. 3. Boyle, 1661. 4. Job, XIX. 5. Extract of suprarenal cortex. 6. Chloral hydrate. 7. Columbamine, palmatine and jateorhizine. 8. A skin test for susceptibility to scarlet fever. 9. Chaucer's "povre scoler of Oxenford." 10. *Anthemis nobilis.*

BIOCHEMISTRY AND PHARMACY (III)

by T. D. Whittet, Ph.C., D.B.A. (Pharmaceutical Department, Charing Cros Hospital, London)

As an extension of routine analysis of body fluids, special tests have been devised which enable the physician to ascertain the efficiency of various organs. These tests, though rarely conclusive in themselves, are of great value when viewed in the light of clinical findings.

Renal Efficiency Tests

If protein, together with an abnormal deposit, is found in the urine of a patient, renal disease is suspected. To extend the examination, a renal efficiency test is performed. Many tests are available, but the urea tests are more widely used than any others, and may be relied on exclusively for routine work. The tests measure the ability of the kidneys to excrete urea, and the most popular is the urea concentration test, the principle of which is to force the kidneys to concentrate urea by flooding the blood with excess of it and by withholding fluids for several hours. The patient is allowed no food or drink overnight; and is given next morning, after emptying the bladder, a draught containing 15 gm. urea. Samples of urine are collected at hourly intervals for the next three hours, and the volume of each is measured, the concentration of urea in each being determined by the hypobromite method. The volume of urine is measured to eliminate excessive diuresis, which would vitiate the result by giving a low concentration not necessarily due to poor renal function; the volume should not exceed 120 mils in the first sample or 100 mils in subsequent samples. Normally the concentration of urea in one or the other specimen is 2·5 per cent. or 3 per cent. In renal inadequacy it is below 2 per cent.

Crawford ("Lancet," 1924. I. 78) criticised the test, on the ground that its results are misleading unless taken in conjunction with the urea content of blood. The blood-urea clearance test of Van Slyke and others avoids this disadvantage. By this method are measured the number of c.c. of blood per minute which would be completely cleared of urea during passage through the kidneys if such clearance were actually complete. The patient is kept in bed and on ordinary meals and fluids. Urine is collected and the sample rejected. An hour later the bladder is completely emptied and the specimen collected. This is repeated at the end of a further hour and a sampl of blood is taken about midway betwee the two micturitions. The urea in bot blood and urines is determined, and th blood urea clearance is calculated from formula. The result is compared with th average normal value for persons of th same age and physique. As the kidney have a large "reserve power," a norma result does not exclude disease. On th other hand, a large deficiency, with clinica symptoms, confirms a diagnosis.

Glucose Tolerance Tests

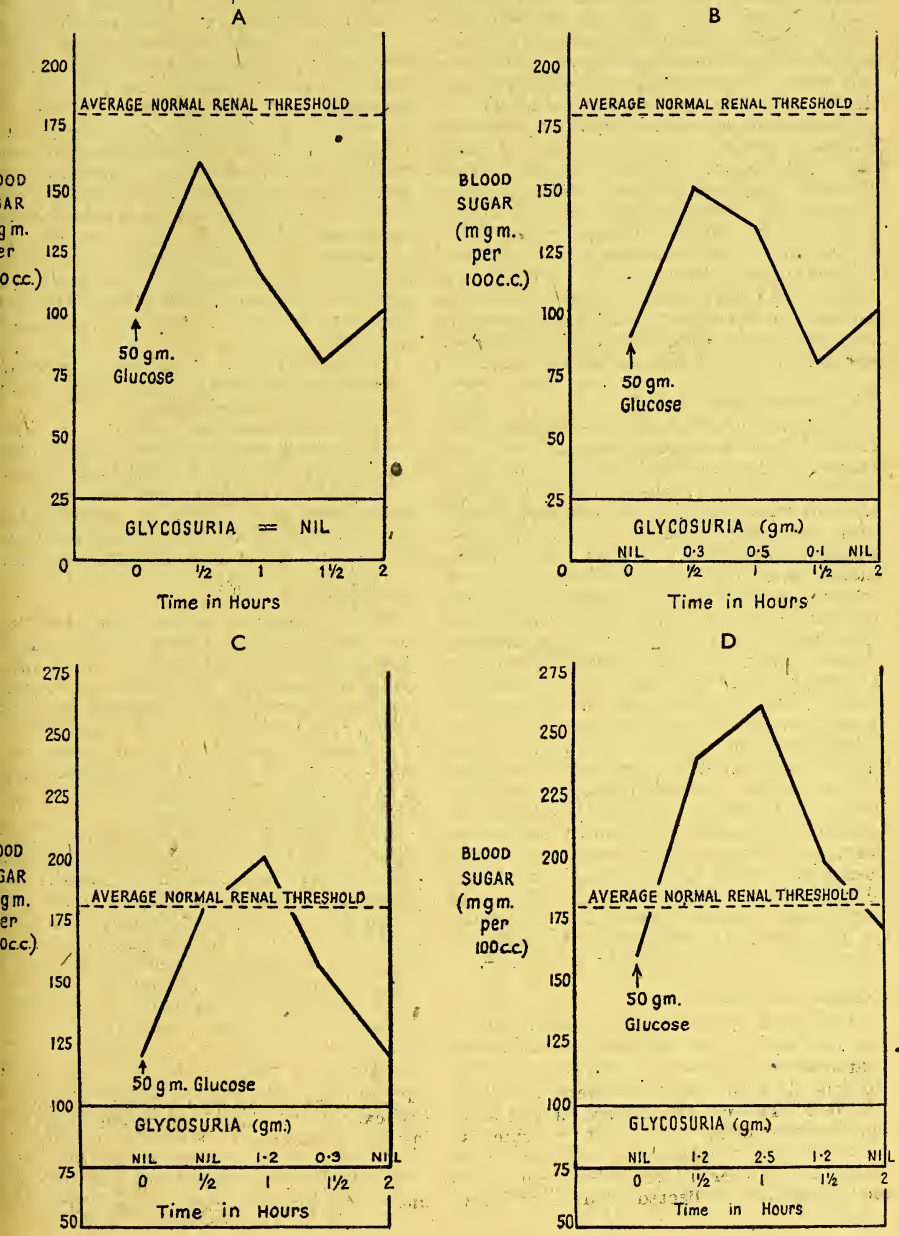
When an abnormal amount of glucose is found in urine, diabetes mellitus i suspected. The condition, however, is no the sole possible cause of glycosuria, and a glucose tolerance test should always be carried out to confirm the diagnosis. In this test the patient, after fasting overnight, is given 50 gm. glucose in 150 c.c. of water, and both blood and urinary sugar are determined at half-hourly intervals for three hours. The results are plotted as graphs as shown opposite.

The normal kidney excretes no sugar unless the level in the blood rises above 180 mgm. per 100 c.c., the figure being called the normal renal threshold. In A the blood-sugar level never rises above the renal threshold, and no sugar is excreted in the urine. This is a normal type of curve. In B, however, although the blood level remains within normal limits, sugar is excreted in the urine. This is due to the renal threshold being lowered, and the condition is known as renal glycosuria. Figures C and D both show diabetes mellitus, the first of mild degree and the second more severe. In both cases the blood-sugar level rises above the renal threshold, sugar appears in the urine, and return to the resting level is delayed. In control of diabetes by insulin therapy, blood sugar curves play an essential part in determining the dose.

A test having a close resemblance to the foregoing is the lævulose tolerance test for hepatic function. The test is carried out in the same way as the glucose tolerance test except that lævulose (50 gm.) is given instead of dextrose. Normally, the blood sugar does not rise significantly after such a dose, and the "curve" is almost a straight line; in toxic jaundice, the difference

GLUCOSE TOLERANCE TESTS

The graphs set out below illustrate typical conditions:—



between the initial and highest blood sugar is about 30 mgm. Urine tests are of no value in this connexion, since there is no renal threshold for lævulose. The test is useful in assessing the risk of poisoning when treating syphilitic patients with arsenicals such as neoarsphenamine, and in following the progress of toxic jaundice due to arsenicals, lead, cinchophen, etc.

Several other hepatic function tests are available, and a study of their clinical value was made recently by Higgins and others (British "Medical Journal," 1944. I. 211). Perhaps the most popular at present is Quick's test, which depends on the "detoxication" of sodium benzoate in the liver by conjugation with glycine to form hippuric acid. The patient is given a test dose of sodium benzoate, and the amount of hippuric acid excreted in the urine is determined and compared with normal.

Pancreatic Tests

The pancreas, in addition to its production of the hormone insulin, forms an external secretion that plays an important part in digestion. Pancreatic juice contains the enzymes diastase, trypsin and lipase, and tests may be made for any or all of these in suspected deficiency. For determination of diastase, Wohlgemuth's test is used. In this method a known quantity of soluble starch is digested with a serial dilution of urine at 37° for thirty minutes. After cooling, iodine is added to determine the least quantity of urine that has completely digested the starch. From this result the diastatic index of urine is calculated, and the figure is compared with normal values. The best test for trypsin is microscopic examination of fæces for undigested muscle fibres. If these are present the condition is known as creatorrhea and almost always indicates trypsin deficiency. Lack of lipase results in marked deficiency of splitting and absorption of fat, hence excess of neutral fats appears in the fæces. Determination of total and split fat in fæces is useful in such cases.

Gastric Test Meals

The gastric contents are examined to confirm a diagnosis of pernicious anæmia or as an extension of the clinical examination of patients suspected to be suffering from diseases of the stomach. In true pernicious anæmia free hydrochloric acid is never found in the gastric juice (complete achlorhydria). For confirmation of the condition Lander and Maclagan ("Lancet," 1934. II. 1210) recommend the use of an injection of histamine as a stimulus, since in most cases other than complete achlorhydria the drug stimulates the production of hydrochloric acid. For this purpose a simple quantitative test for the acid suffices.

Another method of examining gastric fluid is by the fractional test meal. In this test, the patient fasts overnight and next morning the "resting fluid" is removed by means of a stomach tube and a meal of gruel given. Samples of fluid are removed every fifteen minutes for about two-and-a-half hours, and the free and total hydrochloric acid in each sample are determined, using an indicator such as thymol blue, which has two colour ranges, covering both free and total acidity. The results are plotted as a graph, Bell ("Guy's Hospital Reports," 1922. 72. 302) classifying them as follows:—

ACHLORHYDRIA.—Never any free HCl.

HYPOCHLORHYDRIA.—Free HCl never above 10 c.c. N/10 per cent.

HYPERCHLORHYDRIA.—One or more points on the curve above 60 c.c. N/10 HCl.

As previously mentioned, there is always achlorhydria in pernicious anæmia; in gastric carcinoma there is usually achlorhydria or hypochlorhydria, whilst most cases of duodenal ulcer show hyperchlorhydria.

Cerebrospinal Fluid

In general, tests for the constituents of cerebrospinal fluid differ little from the corresponding blood tests, but Lange's colloidal reaction provides a valuable method of diagnosis of general paralysis, tabes, and meningitis. The test is performed by adding gold sol to serial dilutions of cerebrospinal fluid, and noting the change, if any, which occurs in each tube after twelve to twenty-four hours.

The constant chemical changes taking place in the body are known as metabolism. To compare metabolism in health and disease, measurements must be made under standard or basal conditions. Since the combustion of foodstuffs and breakdown of tissue products depend on oxidation, the consumption of oxygen may be used as a measure of metabolism. The British Benedict metabolism apparatus is most frequently used for the purpose. The patient fasts overnight and is at complete mental and physical rest. By means of the apparatus, the amount of oxygen consumed in a given time is determined, and from this the amount consumed per minute is calculated. Allowing for the patient's age, sex and physique, the Benedict metabolism rate (B.M.R.) is calculated from tables.

ULSTER ASSOCIATES' SECTION

HE first annual meeting of associates of he Ulster Chemists' Association was held n October 19, the chairman (Mr. H. W. Gamble, Ph.C.) presiding. Mr. H. P. Crossin president of the Association) was present y invitation, and the Association's secre- ary (Mr. James McClenahan) was in ttendance. THE CHAIRMAN extended a incere welcome to Mr. Crossin. The success chieved during the first year had been, he aid, due in no small measure to the efforts nade by the Association's Executive, and n particular by Mr. Crossin himself.

On behalf of the Executive Committee, IR. CROSSIN welcomed associates at the rst annual meeting. He was glad to see rom the annual report that some sugges- ions he had made at the inaugural meeting ad been acted upon. The Executive Committee, he said, owed the associates' ommittee thanks for useful work done in urthering the common interest.

The minutes of the first associates' meet- ng, held on March 2, were read, confirmed nd signed. THE CHAIRMAN (Mr. H. W. Gamble) proposed, MR. H. G. BARKLEY econded, and it was resolved, that the ssociates' committee's first annual report, opies of which had been circulated, should e taken as read and adopted. THE TREAS- RER (Mr. J. R. Guiler) proposed, MR. A. IcWHINNEY (auditor) seconded, and it was esolved, that the financial statement hould be adopted; Mr. McWhinney paid ribute to the work of the treasurer (Mr. . R. Guiler).

Election of Committee

THE CHAIRMAN declared the ballot for nembers of the associates' committee had esulted in a majority for Messrs. W. H. Boyd, W. J. Gray, G. McCloy and M. D. Moore, whom he formally declared elected. He paid tribute to Mr. J. V. McCusker, who had been active on the temporary associ- tes' committee; unfortunately Mr. Mc- Cusker's studies had interfered with his ttendance at recent meetings. MR. MC- CUSKER thanked the chairman.

Chairman's Address

MR. GAMBLE said he felt it a great rivilege to have been chairman during the rst year of the Section. It had been a usy year for the committee, a great deal f time having been devoted to preliminary letails of organisation. Even before the ull associates' committee had been elected, the temporary associates' committee had taken action concerning an advertisement for a dispenser at an unfair rate of re- muneration. The Executive Committee of the U.C.A. had joined in a protest made to the authorities concerning the advertise- ment. No appointment had so far been made, but the matter had not been lost sight of. He himself had written a letter to the "Northern Whig" stating that salaries offered by the city administrators to their employees were unjust and referring to the advertisement in question; unfor- tunately the letter had not been published. It had fallen to the Committee to arrange a meeting of the Joint Council of the Association to consider and revise Tribunal Award No. 269. All had seen the decisions made and he wanted to stress that questions of wages and hours had been discussed in an atmosphere of perfect friendliness, for it was mutually realised that anomalies in the award required adjustment. There was no question on either side of attempting to enforce an unfair bargain. The annual report mentioned three individual disputes that had fallen to be settled. He wanted to comment on the first of these—the claim by a dispenser in a public hospital for an increase in salary. The Executive Com- mittee had co-operated fully with the associates' committee, primarily in pressing for the matter to be heard by the National Arbitration Tribunal. A visit to the Minis- try of Labour at Stormont had been necessary, and the vice-president and secre- tary had accompanied him to interview officials of the Ministry of Labour. The president and vice-president had attended the Tribunal hearing, and expressed the Executive Committee's full concurrence in the claim made by the Associates' Section. He hoped that any associate who wanted advice concerning his terms and conditions of employment would let the associates' committee have the facts. It might be necessary in some cases for the matter to be kept confidential, and it would be suffi- cient in the first instance to give the facts in confidence to him or to any member of the associates' committee. The confidence would be respected. Several similar matters not mentioned in the annual report had, in fact, been dealt with satisfactorily by the committee, and advice given to associ- ates who applied for it. To all who had contributed to the success of the Section during its first year he expressed personal thanks.

The position of wholesale employees was discussed at some length. THE CHAIRMAN explained that the Section was open to all wholesale employees whose names appeared in the Society's Register as Pharmaceutical Chemists or Apprentices. MR. A. F. WILSON wished to know if the Associates' Section would have an opportunity to discuss the proposed Pharmacy Bill, and THE SECRETARY stated that it would.

Social Functions and Pharmaceutical Affairs

THE CHAIRMAN mentioned that a whist drive organised by the U.C.A. social subcommittee (on which the Section was represented) had been a great success. Further social functions would be arranged during the winter, the next being a supper dance on November 30. A suggestion was made that a social club should be organised, and a permanent club-room established for associates, but MR. W. H. BOYD (vice-chairman) pointed out that at present social functions were being arranged to enable members and associates to get to know each other, and THE CHAIRMAN stated that there would have to be a considerable increase in the number of associates, and a certainty of support, before such an ambitious venture as the taking of club-rooms could be contemplated.

THE CHAIRMAN hoped all eligible associates would join the Pharmaceutical Society. Many who had qualified recently had done so. There were, he believed, more employees than employers in membership, but the employees had no representative on the Council.

Recruitment Suggestions

Various suggestions were made for encouraging employees to join the Associates' Section. MRS. E. H. BARR suggested that each associate should be asked to bring in at least one new recruit. MR. J. MCCOLLUM urged that a circular should be sent to all eligible to join. MR. W. H. BOYD supported. THE CHAIRMAN assured the meeting that the suggestions made would be borne in mind and that a drive for new associates would be organised. MR. A. F. WILSON suggested that regular reports of meetings of the Section in THE CHEMIST AND DRUGGIST would encourage associates to join and would maintain the general interest, and THE CHAIRMAN stated that reports would be sent to the *C. & D.*, including a report of that meeting. A suggestion was made that local associates' subcommittees should be established in Londonderry, Enniskillen, and other centres, and that they should send representatives to Belfast once or twice a year. THE CHAIRMAN welcomed the suggestion, and asked for names of associates who would act as correspondents.

MR. W. ARMSTRONG asked that associates should take action to prevent dispensary vacancies being filled by chemists in retail business. THE CHAIRMAN said the solution would be to urge that all dispensary posts should be full-time. The associates' committee had had this in mind, and would urge each hospital to employ a full-time dispenser. There was a general discussion concerning employees who were not, it was stated, receiving wages in accordance with Tribunal Award No. 26 THE CHAIRMAN said that cases reported wou be investigated.

Meeting of Committee

A meeting of the associates' committee w held on October 26, the chairman (Mr. H. Gamble) presiding. THE SECRETARY report that the settlement proposed by an employ in a dispute with an associate employed as representative and approved at the previo meeting had been accepted by the associa A letter had been sent to the employer conve ing the committee's appreciation of the f and reasonable attitude adopted.

Election of Officers

The following were elected to hold offi for the year: *Chairman*, Mr. W. H. Boy *Vice-chairman*, Mr. M. D. Moore; *Secreta* Mrs. E. H. Barr; *Treasurer*, Mr. J. R. Guile *Auditors*, Mr. J. Anderson and Miss M. Meneel *Representatives on Joint Council*, Messrs. W. Boyd (chairman), M. D. Moore (vice-chairma (both *ex officio*), G. McCloy, and H. W. Gambl Members to attend meetings of the Executi Committee, by invitation, Mrs. E. H. Barr a Mr. W. J. Gray.

A letter was read from the chairman to t editor of a local newspaper expressing the vie that the salary offered by the Belfast Ci Administrators to pharmaceutical chemists w unjust, and expressing the feeling of pharmacis that public bodies should lead the way rath than lag behind in matters of salaries. A qu tation was accepted for printing 500 copies the Section's rules, and various applications f associateship were accepted.

Co-options to Committee

It was decided to defer co-option until t next monthly meeting, but the secretary w requested to interview associates whose nam had been suggested and to inquire whether the were willing to serve.

Membership Drive

It was agreed, at the suggestion of TH CHAIRMAN (Mr. W. H. Boyd), to circulate t eligible persons a short pamphlet setting out t advantages of associateship. MR. G. MCCLO suggested that two copies of the form of appl cation for associateship should be included b the treasurer with each receipt for subscrip tions; this was agreed. MR. H. W. GAMBL said he had had an invitation from the secretar of a provincial chemists' association to spea to a meeting of local pharmaceutical em ployees; it was agreed that the opportunit should be taken.

Closing Hours

After discussion, it was considered desirabl to have compulsory complete closing of al shops at the stated closing hour, with a rot of late service for urgent medicines, and th secretary was requested to convey this view t the Executive Committee.

PHARMACEUTICAL COMMITTEES CONFERENCE

A CONFERENCE of representatives of Pharmaceutical Committees in England and Wales was held in London on October 25 to consider matters arising out of the Government's proposals concerning the provision of a National Health Service. ALDERMAN W. J. TRISTRAM was in the chair. MR. A. R. MELHUISH (treasurer of the National Pharmaceutical Union and chairman of the Central N.H.I. Committee) informed the conference that, as some years must elapse before the Government's proposals for a National Health Service could materialise, the N.P.U. Executive was of opinion that it was desirable that an approach should be made to the Ministry of Health for an increase in existing N.H.I. dispensing fees, and it was resolved: "That the N.P.U. Executive Committee be authorised by this Conference to approach the Ministry of Health with a view to obtaining an immediate increase of at least 50 per cent. on the existing N.H.I. dispensing fees."

Confidence in N.P.U.

The conference expressed its confidence in the N.P.U. by giving it authority to act on behalf of Pharmaceutical Committees when conducting negotiations. A resolution was adopted unanimously: "That the N.P.U., through the Central N.H.I. Committee, in co-operation with other pharmaceutical organisations, be given authority to negotiate an agreement in connexion with the National Pharmaceutical Service, provided it includes the following: (*a*) The separation of prescribing from dispensing, as is the case under the N.H.I. Act; (*b*) the provision of medicines through panel chemists, except in the case of in-patients of hospitals and similar institutions; (*c*) remuneration on a reasonably adequate basis; (*d*) suitable representation for pharmacy on the bodies controlling the service. That in the event of any change being made in these essentials, and before the details of remuneration are definitely decided, the Pharmaceutical Committees Conference shall be consulted, and no authority is given for the acceptance of any agreement without such consultation." It was unanimously agreed that the following resolution should be submitted to the Ministry of Health, the pharmaceutical Press, and to the national and local Press: "That this conference of Pharmaceutical Committee representatives approves the Government's intention to provide a medical service available to every citizen, and assures the Government of its assistance in establishing a satisfactory pharmaceutical service provided that; (*a*) the details of the scheme have been agreed in consultation with representative pharmaceutical organisations; (*b*) there is adequate representation for pharmacy on the controlling bodies under the scheme; (*c*) there is separation of prescribing from dispensing under the scheme, as is the case under the N.H.I. Act; (*d*) the provision of medicines is arranged through panel chemists, except in the case of in-patients of hospitals and other institutions; (*e*) the remuneration of pharmacists is reasonably adequate for the service. Further, this conference assures the Government that, through its appointed representative organisation (the National Pharmaceutical Union), it is prepared to give the fullest possible assistance in overcoming the initial difficulties inherent in the establishment of the new service so far as the supply of medicines is concerned."

N.P.U. BRANCH DELEGATES

A CONFERENCE of delegates from National Pharmaceutical Union branches was held on October 26, Mr. W. J. Tristram presiding. The following resolutions were adopted unanimously: (1) "That members of the N.P.U. co-operate in the medical service scheme, provided the dispensing service is reserved for pharmacists, adequate payment is made, and the incidence of dosage is taken into consideration."

(2) "That without complete unity of purpose in the profession of pharmacy as a whole, there is a deficiency in "bargaining power," and that this meeting, in view of the grave issues involved, requests the Council of the Pharmaceutical Society to reconsider its attitude to the inclusion of delegates of other bodies in a Joint Pharmaceutical Committee, and expresses its full confidence in the N.P.U. Executive."

(3) "That this conference expresses its very great dissatisfaction with the whole basis of remuneration paid to pharmacists under the present National Health Insurance service, and strongly urges the pharmaceutical authorities negotiating with the Government on behalf of pharmacy in matters relating to the proposed National Health Service to urge the adoption of the N.P.U. price list for drugs and dispensing fees as a basis of payment, with extra remuneration for special services rendered."

(*To be concluded*)

TRADE REPORT

Spot quotations for pharmaceutical chemicals, crude drugs and essential oils represent the prices for wholesale quantities of standard quality. C.i.f. quotations do not include marine war risk insurance and other abnormal charges payable in the present emergency

28 Essex Street, W.C.2, November 1

THE week has again been characterised by a steady though not very large volume of business at prices little altered from those recorded recently. The supply position is about unchanged, with some commodities arriving fairly regularly, whilst others have become exhausted for the time being. In PHARMACEUTICAL CHEMICALS the only price change of importance concerns THEOBROMINE, prices of which have been reduced by sixpence per lb. for the alkaloid and threepence per lb. for the salts. CAFFEINE is unchanged, but supplies are stated to be short. Makers report that supplies of GUAIACOLS will become available shortly. SULPHANILAMIDE is reported rather easier, with a fair amount of bulk business moving.

Crude Drugs

Dealers in these commodities report a quiet week, with few important price changes to record. The volume of business is moderate, depending almost entirely on the quantities of goods immediately available for sale. AGAR is still selling in small amounts at the controlled price as noted last week. Offers of ALOES coming in from source are readily taken up. Indian BELLADONNA LEAF is inclined dearer, and ROOT is scarce. Stocks of Sumatra BENZOIN are exhausted. CHILLIES and other spice products are steady, and in rather better inquiry. GUM ACACIA is firm at the last-quoted price. SARSAPARILLA is exhausted.

Essential Oils

Once again there are no developments to record in this section. Prices of oils imported by the Ministry of Food for distribution under the Essential Oils Control scheme are unchanged. A few oils are available outside the scope of the scheme, but the quantities involved are small and the prices high.

Exchange Rates on London

During October the Foreign Exchange rates on London remained steady. Bank of England fixed rates include: New York, 4.03 dollars; Montreal, 4.45 dollars; Dutch West Indies, 7.60 florins; Lisbon, 100 escudos; Stockholm, 16.90 kroner. The Spanish rate is steady at 44 pesetas, and the Chinese national dollar is unchanged at $3\frac{1}{16}$d.

Pharmaceutical Chemicals

ALLOBARBITONE. — Available at the unchanged price of 60s. per lb.

AMPHETAMINE.—Makers' price is unchanged at 150s. per lb. Demand is rather better.

BENZOIC ACID.—Price is unchanged at 3s. to 3s. 6d. per lb., according to quantity.

BORIC ACID.—B.P. quality is quoted by makers as follows: Granulated, £70 per ton; crystal, £71; powder, £72. Packed in one-cwt. bags, delivered carriage paid in Great Britain in one-ton lots and upwards. Commercial grades, £8 per ton less.

CAFFEINE.—Current prices per lb. are as follows; supplies are short:—

	Smalls	7 lb.–28 lb.
	s. d.	s. d.
Alkaloid, B.P.	35 0	34 0
Citrate	24 0	23 0
Sodium benzoate	24 0	23 0
Sodium salicylate	24 9	23 9

Tins extra when supplied.

CALAMINE, B.P.C.—Quoted as follows: 7-lb. lots, 1s. 8d. per lb.; 28-lb. lots, 1s. 6d.

CITRATES.—Makers quote POTASSIUM per lb., in 28-lb.–1 cwt. lots, as follows (containers in brackets): 3s. $3\frac{1}{2}$d. (1-lb.); 3s. 2d. (4-lb.); 3s. 1d. (7-lb.); 3s. $0\frac{1}{2}$d. (14-lb.); 3s. (28-lb.). IRON AND AMMONIUM (SCALES), B.P., is at 3d. per lb. above, and SODIUM is at 1d. per lb. below these prices; POTASSIUM AND SODIUM POWDER, 1d. per lb. extra.

PILOCARPINE.—Makers quote at the following rates per oz.: Base, 1 oz., 27s.; 4 oz., 21s. 3d.; 8 oz., 20s. 9d.; 25 oz., 20s. 3d. Nitrate, 1 oz., 18s. 6d.; 4 oz., 18s.; 25 oz., 17s. 6d.

SANTONIN.—Home trade prices are as follows: 10 kilos and over, £62; not less than 5 kilos, £63; 2–4 kilos, £64; 1 kilo, £65; 500 gm., £66; 250 gm., £67; 100 gm., £68; less than 100 gm., £69 per kilo. Carriage paid in United Kingdom.

TERPINEOL.—Pure medicinal quality is available at from 3s. 3d. to 4s. per lb. for antiseptics of the chloroxylenol type.

THEOBROMINE.—Prices have been slightly reduced, the alkaloid being 6d. per lb. lower, and salts, 3d. New rates are as follows:—

	Smalls	7 lb.–28 lb.
	s. d.	s. d.
Alkaloid, B.P.C.	44 6	43 0
Sodium salicylate	26 3	25 3

Tins extra when supplied.

Crude Drugs

AGAR.—A little business is being done in material for bacteriological use at the controlled price of 30s. per lb.

ALOES.—As noted last week, offers coming in from South Africa are readily being taken up.

ARECA NUTS.—Spot price of wormy material is steady at 95s. per cwt., ex store.

BALSAMS.—Prices and supply position are unchanged. *Peru*, 7s. 9d. per lb.; *Canada*, 9s. 9d. to 10s.; *Tolu* and *Copaiba*, unobtainable.

BELLADONNA.—Indian leaf is quoted at from 5s. 7½d. to 6s. per lb., according to alkaloidal content; root is scarce.

BENZOIN.—No Sumatra appears to be available at present.

CARDAMOMS.—Aleppy greens may be obtained on spot at 5s. 6d. per lb.; Aleppy seed, 6s. 6d.; split seed, 5s. 6d.

CHAULMOOGRA.—*Hydnocarpus*, spot, 1s. 6d. per lb., in tins in cases.

CHILLIES.—Mombasa is quoted on spot at 110s. per cwt.; no other varieties are available.

CLOVES.—Zanzibar, firm on spot at 1s. 4½d. per lb.; no other varieties are offered.

COLOCYNTH.—Available at from 2s. 7½d. to 2s. 9d. per lb., according to holder.

DIGITALIS LEAVES.—English leaf is priced at 2s. 6d. per lb., and Portuguese at 140s. per cwt.

DRAGON'S BLOOD.—Dull Zanzibar drop is nominal at £25 per cwt.

ERGOT.—Good-quality material would be worth 6s. 6d. per lb.

GINGER.—A preliminary forecast of the ginger crop in the Bombay Province for the season 1944–45 ("Indian Trade Journal") states that the ginger crop is grown to some extent in Gujarat and the Thana district and to a negligible extent in the Belgaum district. Sowing was done from May to the end of June. Germination is satisfactory, and further growth of the crop is reported to be fair.

GUM ACACIA.—Kordofan cleaned sorts, firm on spot at 80s. per cwt.; bleached, spot, 185s. Talha, cleaned, 50s. per cwt., landed.

HENBANE.—Indian, 250s. per cwt.; Russian, 350s.

JABORANDI.—Firm on spot at 52s. 6d. per cwt.

KAMALA.—Material yielding 6 per cent. ash may be obtained at 2s. 6d. per lb.

MYRRH.—Fair-quality Aden sorts is priced at £20 per cwt.

NUTMEGS.—West Indian, wormy and broken, spot, 1s. 5d. per lb.; sound unassorted, 1s. 7½d.

NUX VOMICA.—Cochin, spot, steady, at 42s. 6d. per cwt.; shipment, 35s., c.i.f.; Cocanada seed, shipment, 32s. 6d. per cwt., c.i.f.

PAPAIN.—Good-testing Ceylon is available on spot at 8s. 6d. per lb.

PEPPER.—Maximum prices of whole pepper, not picked over or cleaned, on sale to processors, 1s. 4d. per lb. for white and 1s. per lb. for black.

PIMENTO.—Spot sellers at 1s. 4d. per lb.

QUILLAIA BARK.—Crushed or cut, spot, 95s. per cwt.; natural, 75s.; shipment, 65s., c.i.f.

RHUBARB.—Business is being done at 12s. 3d. per lb. for rough-round and flat high-dried. Shensi irregular shapes, 14s.

SARSAPARILLA.—Spot supplies are unobtainable at present.

SEEDS.—Quiet conditions obtain, with no price changes. Current rates are as follows: CORIANDER.—Indian, 75s. per cwt. CUMIN.—Maltese, spot, 105s.; Indian, 100s. DILL.—105s., ex wharf. FENNEL.—Offered at 85s. FENUGREEK.—May be had at 80s. MUSTARD.—Controlled prices are unchanged.

SENNA.—Alexandrian medium pods are at 4s. per lb.; Tinnevelly, manufacturing grade, 6d. to 6½d.; hand-picked, 8½d. to 1s.; broken Alexandrian leaves, 1s. 3d. to 1s. 4d.; siftings, 1s. 2d.; Tinnevelly, No. 1, 9d. to 10½d.; No. 2, 7d. to 7½d.; No. 3, 5½d. to 6d.

SQUILL.—Portuguese bulb is offered at 75s. per cwt., and Indian at 60s.

STRAMONIUM LEAVES.—East Indian leaves are quoted at from 80s. to 85s. per cwt.

STROPHANTHUS SEED.—100 per cent. Kombé seed may be obtained on spot at 7s. to 7s. 6d. per lb., according to quantity.

TRAGACANTH.—Medium grades are quoted as follows: No. 1, white, £130 per cwt.; No. 2, white, £115; No. 3, white, £100; No. 4, white, £85; pale leaf, £60; amber leaf, £50; dark amber, £40; brown leaf, £30; red-and-brown leaf, £25; red leaf, from £20; hoggy, £12 to £15.

TURMERIC.—Madras finger, sound-quality, spot, 60s. per cwt.

VALERIAN ROOT.—Indian root is quoted at the unchanged price of 100s. per cwt.

Essential and Expressed Oils

ANISE (STAR).—Nominal at around 160s. per lb., with no change in the supply position.

CASTOR.—Official quotation for "firsts" is unchanged at £92 per ton, and for "seconds" at £90, both naked ex works, in bulk quantities.

CITRONELLA.—Ceylon, spot, 21s. per lb.; Java, scarce at 27s. 6d.

CLOVE.—English distillers' prices are steady at 12s. 6d. to 13s. per lb., according to quantity.

EUCALYPTUS.—Supplies are short. Oil containing 70 to 75 per cent. cineole would fetch around 7s. 6d. per lb.

GINGERGRASS.—In small supply at approximately 22s. 6d. per lb.

LINSEED.—Bulk quantities of crude are priced at £62 per ton, naked ex works.

NUTMEG.—As noted last week, price of English-distilled has been reduced to 32s. 6d. per lb., with lower rates for quantities.

PEPPERMINT.—For small supplies, about 190s. per lb. is mentioned.

RAPESEED.—Officially quoted at £85 per ton, naked ex works.

CORRESPONDENCE

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

Pharmaceutical Society Meetings

SIR,—At the annual meeting of the Peterborough Branch of the Pharmceutical Society, held on October 20, a resolution was passed in which the opinion was expressed that the Council of the Pharmaceutical and other pharmaceutical bodies were ill-advised to call meetings of vital importance to pharmacy in London at the present time. Are no other centres available at which a good representation of members could be assembled? We think there are.

Yours faithfully,
Peterborough. B. WRIGHT, *Secretary*.

A Glasgow Resolution

SIR,—The Glasgow Burgh Pharmaceutical Committee, at a meeting held on October 26, unanimously adopted the following motion: "That the Glasgow Burgh Pharmaceutical Committee recommend that the parent committee, representing pharmacy in Scotland, should consist of 100 per cent. retail pharmacists; the committee to elect, from its members, representatives to a properly constituted Pharmacy Board, as outlined in THE CHEMIST AND DRUGGIST (April 29, p. 472). The Committee would be interested to receive any criticisms which other Scottish Pharmaceutical Committees may offer. Such criticisms may be sent to me.

Yours faithfully,
660 Govan Road, J. M. WILLIAMSON,
Glasgow, S.W.1. *Secretary*.

Pensions for Chemists

SIR,—I feel that some scheme could be evolved to bring a measure of security to persons now employed in pharmacy who can never, under existing conditions, become their own masters. An advantage of being employed in what I might term big business is the knowledge that one's declining years are provided for under a suitable pensions scheme. Such schemes are usually contributory, the contributions of the person employed being doubled by the employer. Pensions on these lines are a right, not a charity, and I feel strongly that a scheme operated in the interests of all who have served a regular apprenticeship would be a most welcome reform. I realise that such a scheme is beyond the scope of the individual chemist in business, particularly in view of the movement of qualified employees from one situation to another, but I would like to bring the idea to the notice of the National Pharmaceutical Union, which has done so much to better the lot of chemists through various insurance schemes. First of all it would, of course, be necessary for every private chemist to become a member of the N.P.U. I do not intend that my suggestions should be taken as referring to qualified persons only, for, without a large modicum of unqualified people, pharmacy could not function as it does today.

Yours faithfully,
Stoke-on-Trent. H. E. DENBY, M.P.S.

Eire Council Election

SIR,—I would be extremely grateful if you would be so kind as to allow me the use of your columns to express my grateful thanks to all those who supported my candidature in the recent Pharmaceutical Society of Ireland Council election. It is my sincere hope that I shall prove worthy of the trust which has been placed in me.

Yours faithfully,
N. A. MCKANE.
Ballina, co. Mayo.

TRADE MARKS

(*From "The Trade Marks Journal," October 11*)

"SNOW MAIDEN"; for water-softening preparations (1). By Osogood, Ltd., Fruit Exchange, Victoria Street, Liverpool, 2. 629,934.

"MYSKER"; for veterinary ointment (5). By W. H. Marshall, 75 Oldham Road, Waterloo, Ashton-under-Lyne. 628,280.

"WESTERN ELECTRIC"; for electrical instruments and apparatus for aiding the deaf (10). By Western Electric Co., Inc., c/o F. C. Tomlins, 5 Mornington Road, Woodford Green, Essex. 626,254 (Associated).

A cross device and words, "Carus Product" (with condition that mark shall not be used in colour or colours); for rubber surgical goods, and surgical instruments (10); "DATE DAYS" for toilet powder sprayers, perfume vaporisers, powder puffs (21). By A. Carus & Sons, Ltd., Johnson Road, Hoddlesden, Darwen. 629,614 (Associated), and 630,375.

"KINDHART"; for traps for flies, insects, and vermin (21). By Allcock Manufacturing Co., 4–8 Argyle Street, Birkenhead, Cheshire. 629,991 (Associated).

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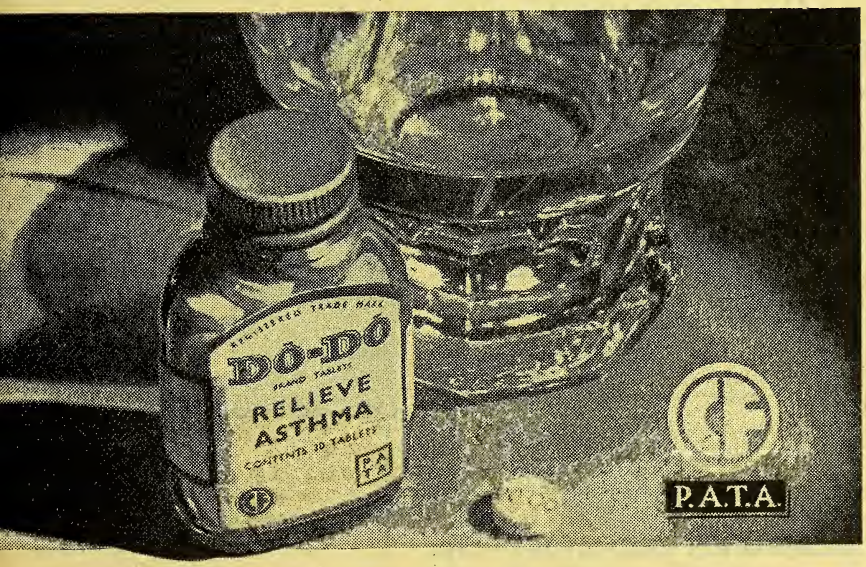

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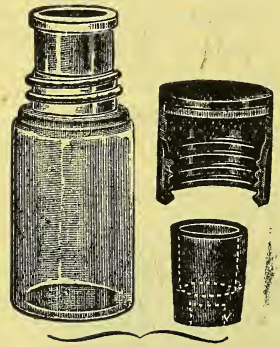

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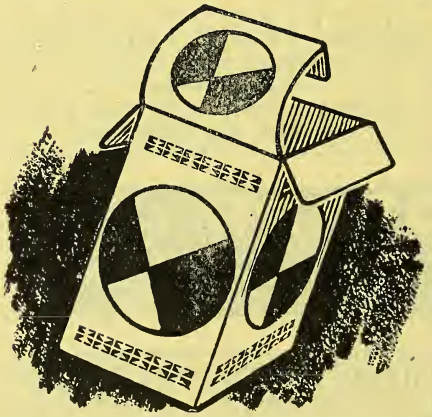

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NOVEMBER 4 1944

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MEDICAL Representatives. Prominent manufacturing firm near London invite applications from pharmacists with some knowledge of therapeutics for post-war Representation at home and abroad. Age 28–35; experience in good-class pharmacy and/or hospital desirable. Appointments are permanent and offer scope for advancement and since they may not be made until the termination of hostilities, applications are invited from those who are not available until then. Applications, which will be treated in confidence, should be in fullest detail as to education, experience, etc. Write to 584/937, C. & D. London Office.

PILL-MAKER required for manufacturing house N.W. London. Permanent and progressive opportunity. Should be over military age or exempt war service. State experience and wages required. 584/929, C. & D. London Office.

PROGRESSIVE Firm of Wholesale Chemists carrying interesting range of Sundries, Cosmetics and Fancy Goods, wishes to engage live-wire Agent on commission basis for Northern Ireland. Only men with sound connections, accustomed to earning £12–£15 weekly should apply. 584/939, C. & D. London Office.

REPRESENTATIVES required now by Manufacturing Chemists. First-class established connexion with retail chemists essential; some ethical experience and connexion with Hospitals desirable. Only high-grade men required. Permanent with excellent post-war prospects. One other line not objected to. Write 583/900, C. & D. London Office.

REPRESENTATIVES required to obtain orders for Petroleum Jelly, Liquid Paraffin, Stearic Acid, Technical White Oil, Borax, Waxes, Gums, Oils, Dyes, Labels, Perfumes and Emulsifiers requiring the addition of water only to make excellent preparations, far superior to most obtainable at present. Also for bottles, jars and tins, screw caps, cartons, cases, etc. The British Surgical & Drug Co., Ltd., Fortess Grove, London, N.W.5.

REPRESENTATIVE for London and district required with live connexion Chemists, Grocers and General Stores. Salary, commission and expenses. 584/932, C. & D. London Office.

REPRESENTATIVES required calling on Wholesale Chemists and Sundriesmen to carry line in great demand. Connexion with good houses essential. Generous terms. 583/907, C. & D. London Office.

TABLET-MAKER required for Single-punch Machines; small factory; good prospects. 585/950, C. & D. London Office.

TOILET Soap. Foreman wanted with thorough knowledge of Toilet Soap Production. Small factory at Hackney. Permanent post. Write full details and salary expected, in confidence, to J.M.B., Comtesse Laboratories, 28B Chatham Place, London, E.9.

WANTED, Pharmacist for development of popular medicinal, food and household products, by large firm of manufacturing chemists in the North-west. Excellent prospects for man with imagination and ideas. 584/933, C. & D. London Office.

WANTED, Adviser for Tablet-making powders. Concentrated Foods, Ltd., Devonshire Works, Chiswick, London, W.4.

WILSON MEATS, LTD., 91–93 Charterhouse Street, London, E.C.1, require a Representative calling on chemists to sell their Extract of Beef in London and all along the South Coast. Please apply by letter, giving full particulars to above address.

YOUNG Unqualified Assistant required in Manufacturing Pharmaceutical Laboratory. Manufacturing or retail experience essential. Good prospects and permanency to suitable applicant. Cupal Ltd., Manufacturing Chemists, King Street, Blackburn.

SITUATIONS WANTED

2/6 for 18 words or less, 1d. for every additional word.

RETAIL (HOME)

A QUALIFIED Dispenser (Apothecaries Hall Diploma). Fifteen years' experience in all branches of Dispensing, Hospital, Chemist and Medical. Requires full-time or locum work at once. London district. Pinck, 7 Pembridge Square, London, W.2.

BIRMINGHAM or District. Engagement desired Long and varied experience. Retail, wholesale, stock-taking, dispensing (private institutional). Unqualified. Disengaged when suited. Exempt. "Quinnine," 64 Church Road, Erdington, nr. Birmingham.

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NORTHERN Ireland or Eire. Pharmacy Manager, long experience, with ability, keen, hard worker, sound knowledge of Irish territory, is open to Represent good Drug Trade House or Firm carrying well-known lines. 584/938, C. & D. London Office.

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SALES Executive and Representative on war work, resident Southern England, wishes to act as liaison by telephone and post between reputable company and customers with view to active Agency post-war. Expert knowledge of trade to chemists, grocers, cafés, canteens, schools, etc. 583/878, C. & D. London Office.

TABLET-MAKER, 49, seeks Post; disengaged; London only, please. 584/930, C. & D. London Office.

APPOINTMENTS

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CHERTSEY, SURREY

ASSISTANT PHARMACIST. Must be M.P.S. or Ph.C. Commencing salary according to experience on grade £250 × £10—£300 p.a. plus war bonus 19s. p.w. male, 15s. 6d. p.w. female. Temporary war-time appointment. Apply to Medical Superintendent.

PRINCESS BEATRICE HOSPITAL

EARL'S COURT, S.W.5

Applications are invited for the post of Pharmacist, which will fall vacant on December 1, 1944. Applicants should hold one of the qualifications of the Pharmaceutical Society.

Salary will be £300 per annum. The appointed candidate will be required to contribute to the Federated Superannuation Scheme for Hospital Officers.

Applications stating age, nationality, qualifications and experience, together with copies of three testimonials, should be forwarded immediately to the Acting House Governor, Princess Beatrice Hospital, Earl's Court, S.W.5.

SURREY COUNTY COUNCIL

ASSISTANT PHARMACISTS:—

KINGSTON COUNTY HOSPITAL, Wolverton Avenue, Kingston-on-Thames. Must be M.P.S. or Ph.C. Salary grade £250 × £10—£300 p.a. plus war bonus 19s. p.w. male, 15s. 6d. p.w. female. Permanent staff if female applicant.

ST. HELIER COUNTY HOSPITAL, Carshalton; REDHILL COUNTY HOSPITAL, Earlswood Common, Redhill; and

WARREN ROAD HOSPITAL, Guildford. Salary as for Kingston. Temporary war-time appointments. All applications to Medical Superintendent of appropriate hospital.

WEST RIDING MENTAL HOSPITALS BOARD

PINDERFIELDS EMERGENCY HOSPITAL

APPOINTMENT OF ASSISTANT PHARMACIST

Applications are invited for the position of Assistant Pharmacist at the above Hospital.

The commencing salary will be according to experience on a grade between £225 and £300 per annum, plus a war bonus which is, at present, 19s. a week Male, and 15s. 6d. a week Female.

The appointment will be temporary for the duration of the war.

Applications together with full particulars to be submitted to the Medical Superintendent, Pinderfields Emergency Hospital, Wakefield, forthwith.

G. L. BANNER,
Clerk of the Board.

Board Offices,
Wakefield.
October, 1944.

AGENCIES

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A RELIABLE Parsee Firm of nearly fifty years' standing in Bombay, and representing British firms and manufacturers, desires further Agencies in patent medicines, drugs, chemicals, toilet requisites, provisions, paper, cutlery, etc. Messrs. Framjee & Son, P.O. Box 542, Fort, Bombay, 1, India.

EIRE Sales Organisation wishes contact Makers and Wholesalers desiring good post-war trade in Chemical and allied lines, Cosmetics, etc., view selling Agencies. Box A.P.N., c/o McConnells Advertising Service, Ltd., 10 Pearse Street, Dublin.

LONDON Manufacturing Chemists, marketing high-class Pharmaceutical Preparations, now appointing provincial Agents, invite inquiries from distributing Firms and Gentlemen desiring additional lines. Generous commission. 584/927, C. & D. London Office.

MANUFACTURERS of soluble Sanitary Towels require well-introduced Agents on commission basis in several areas. Full particulars to 584/940, C. & D. London Office.

TRAVELLER with 25 years' experience, calling on London Stores and Wholesalers, seeks good additional lines on commission basis; excellent results assured. Only firms who can offer good merchandise need reply. 584/936, C. & D. London Office.

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BUSINESSES WANTED

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HILLIER, PARKER, MAY & ROWDEN, Surveyors and Valuers, 77 Grosvenor Street, W.1, have applications for several sound and progressive single-shop Businesses occupying premier trading positions in London and Provinces, or a Group Concern would be seriously considered. Owners contemplating sale or their solicitors are invited to write for further information to Hillier, Parker, May & Rowden, 77 Grosvenor Street, W.1.

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BRITISH Firm, established Egypt 1936, Capital £7,000. Perfect selling organisation covering whole Egypt and Sudan. Great experience in Pharmaceuticals, Chemicals, Perfumery, Essential Oils, Toilet Articles, Druggist Sundries, Surgical Instruments, etc., wishing to Represent first-class British Firms manufacturing same. If export actually impossible, will make arrangement for peace-time. Best commercial references. Bank references: Barclays, London. Write to Sapriel & Douek, 16 Cheikh Hamza Street, Cairo, Egypt.

LEVANT Trade Ltd. are desirous of making contact with British Manufacturers of Pharmaceuticals, Chemicals and Cosmetics for Representation in post-war time in Palestine and Iran. Best references. Head Office, P.O.B. 1819, 10 Herzl Str. Tel-Aviv.

PACKING, Labelling, Filling of Liquid, Creams, Tablets, etc., undertaken by a reputable firm with central premises. Facilities available also for the supply of packaging, bottles, etc., active selling organisation throughout the United Kingdom can be utilised for the distribution of any sound products, alternatively finance available for attractive propositions to mutual advantage. 583/904, C. & D. London Office.

QUOTA Wanted. Regd. manufacturer willing pay generous price for Perfumery quota. Must be approved B.O.T. State value available, and price. 583/910, C. & D. London Office.

WANTED to Purchase medium-sized Toilet quota. Reply in confidence with full details. 584/941, C. & D. London Office.

WE Export all classes of Merchandise and if you have anything to offer for prompt or for post-war, kindly contact us. We pay in London; carry our own credits abroad; and attend to shipping. Please write to 585/947, C. & D. London Office.

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NAME plates for Chemists. Neatly engraved. Send wording for full-size sketch and list (enclose 3d. stamps). G. Maile & Son, Ltd., Engravers, 367 Euston Road, London, N.W.1.

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TO Packers only. Small limited quantity availab of ½-oz. pots; 1-oz. and 2-oz. Squat Pots; als 2-oz. Fancy Bottles. H. S. Bottle Co., 29 Sherwoo Hall, East End Road, N.2.

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ASPIRIN Powder, Crystals, Grans., and 5-grai tablets, required in large or small quantitie Highest market prices paid. 442/304, C. & D. Londo Office.

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[47/25]

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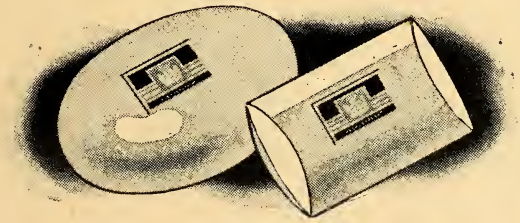

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